



INDEX OF PATENTS

RELATING TO

ELECTRICITY,

EMBRACING PATENTS ISSUED BY

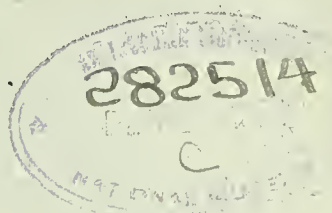
THE UNITED STATES PATENT OFFICE

FROM JULY 1, 1885, TO JUNE 30, 1886.

APPENDIX No. V.

COMPILED UNDER THE DIRECTION OF THE COMMISSIONER OF PATENTS.

WASHINGTON:
GOVERNMENT PRINTING OFFICE.
1887.



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NOTE.

The following new sub-classes have been added:

171. GENERATION.—95. GALVANOMETERS.

Devices for indicating the strength, tension, or direction of electric currents.

171. GENERATION.—97. SYSTEMS OF DISTRIBUTION.

Organized systems for distributing electricity, including apparatus at a central station and circuits controlled therefrom.

175. SPECIAL APPLICATIONS.—96. ELECTRO-MAGNETS.—MACHINES FOR WINDING.

Machines for winding insulated wire for electro-magnets and armatures.

176. ELECTRIC LIGHTING.—102. LIGHTS, FILAMENTS AND CARBONS.

Including manufacture of incandescent electric light filaments and arc light electrodes.

176. ELECTRIC LIGHTING.—98. LIGHTS, SOCKETS AND KEYS.

Incandescent lamp sockets and keys.

178. TELEGRAPHY.—101. FIRE, ALARMS AND EXTINGUISHERS.

Thermostatic electrical alarms, sprinklers, &c.

179. TELEPHONY.—100. TELEPHONES, SUPPORTS.

Including stands, brackets, &c., for holding telephones.

179. TELEPHONY.—99. TELEPHONES, SYSTEMS, AUTOMATIC.

Apparatus for connecting diverging lines without manual switch-boards.

ADDENDA.

The following patents were omitted from former indexes :

No.	NAME.	CLASS.	DATE.
121,666	Schroeder, T. A. and Wuest, H.-----	Alarms, burglar -----	Dec. 5, 1871
202,691	Baker, A. J. and Simonton, J. W.-----	Applications, general-----	Apr. 23, 1878
245,913	Brown, J. R.-----	Valve-controllers -----	Aug. 16, 1881

APPENDIX No. V.

PART I.

CONSISTING OF A

SUB-CLASS INDEX OF ALL PATENTS

RELATING TO

ELECTRICITY

Issued from July 1, 1885, to June 30, 1886, inclusive, giving names of Inventors,
and dates and numbers of Patents in each sub-class in numerical
and chronological order.

CLASSIFIED INDEX

OF

PATENTS RELATING TO ELECTRICITY

FROM JULY 1, 1885, TO JUNE 30, 1886.

171. GENERATION.—6. BATTERIES—GALVANIC.

No.	NAME.	DATE.	No.	NAME.	DATE.
321,446	Orne, C. P. -----	July 7, 1885	334,788	Lathrop, F. L. -----	Jan. 26, 1886
321,917	Starr, E. T. -----	July 7, 1885	336,352	Roovers, A. H. and A. W. and Williams, P. G. -----	Feb. 16, 1886
323,902	Brewer, H. J. -----	Aug. 11, 1885			
323,903	Brewer, H. J. -----	Aug. 11, 1885	337,045	Carter, J. W. -----	Mar. 2, 1886
323,904	Brewer, H. J. -----	Aug. 11, 1885	337,477	Brewer, H. J. -----	Mar. 9, 1886
323,905	Brewer, H. J. -----	Aug. 11, 1885	338,194	Serson, J. -----	Mar. 16, 1886
324,475	Lyman, W. T. -----	Aug. 18, 1885	338,683	Woodward, J. H. -----	Mar. 23, 1886
324,708	Leighton, E. F. -----	Aug. 18, 1885	338,770	Otto, G. -----	Mar. 30, 1886
324,858	Low, J. B. -----	Aug. 25, 1885	340,474	Armstrong, J. T. -----	Apr. 20, 1886
326,033	Hammer, E. G. -----	Sept. 8, 1885	341,552	Carter, J. W., jr -----	May 11, 1886
327,582	Odell, J. B. -----	Oct. 6, 1885	341,907	Harris, A. C. -----	May 18, 1886
327,878	Holtzer, C. W. -----	Oct. 6, 1885	342,407	Walter, H. -----	May 25, 1886
328,208	Gardner, E. M. -----	Oct. 13, 1885	342,508	Gardner, E. M. -----	May 25, 1886
328,607	Partz, A. F. W. -----	Oct. 20, 1885	344,345	Case, W. E. -----	June 29, 1886
328,687	Kauffer, T. L. -----	Oct. 20, 1885	344,346	Case, W. E. -----	June 29, 1886
328,948	Kauffer, T. L. -----	Oct. 27, 1885	344,347	Case, W. E. -----	June 29, 1886
329,724	Dieckmann, G. F. -----	Nov. 3, 1885	344,523	Gates, W. L. -----	June 29, 1886
333,661	Odell, J. B. -----	Jan. 5, 1886	344,750	Platt, W. S. -----	June 29, 1886

171. GENERATION.—72. BATTERIES—SECONDARY.

321,759	Sellon, J. S. -----	July 7, 1885	334,027	Meeker, F. W. -----	Jan. 12, 1886
323,890	Starr, E. T. and E. E. -----	Aug. 4, 1885	336,101	Gardner, E. M. -----	Feb. 16, 1886
324,597	Sellon, J. S. -----	Aug. 18, 1885	336,102	Gardner, E. M. -----	Feb. 16, 1886
325,120	Sellon, J. S. -----	Aug. 25, 1885	337,298	Brush, C. F. -----	Mar. 2, 1886
327,341	Starr, E. T. and E. E. -----	Sept. 29, 1885	337,299	Brush, C. F. -----	Mar. 2, 1886
331,407	Jones, E. -----	Dec. 1, 1885	341,600	Pitkin, J. -----	May 11, 1886
331,408	Jones, E. -----	Dec. 1, 1885	341,860	Sorley, C. -----	May 11, 1886
333,292	Fitz-Gerald, D. G. and Jones, T. J. -----	Dec. 29, 1885	342,385	Remington, W. H. -----	May 25, 1886
			342,594	Gibson, C. D. P. -----	May 25, 1886

171. GENERATION.—74. BATTERIES—SECONDARY—APPLICATIONS.

327,964	Prescott, G. B., jr -----	Oct. 6, 1885	343,392	Pendleton, J. M. -----	June 8, 1886
328,418	Main, W. -----	Oct. 13, 1885	343,393	Pendleton, J. M. -----	June 8, 1886
328,593	Main, W. -----	Oct. 20, 1885	343,394	Pendleton, J. M. -----	June 8, 1886

171. GENERATION.—23. FRICTION GENERATORS.

324,010	Clarke, C. L. -----	Aug. 11, 1885	336,947	Robbins, A. L. -----	Mar. 2, 1886
331,754	Atkinson, P. -----	Dec. 8, 1885			

CLASSIFIED INDEX—ELECTRICITY.

171. GENERATION.—95. GALVANOMETERS.

No.	NAME.	DATE.	No.	NAME.	DATE.
323,203	Pratt, R. J -----	July 28, 1885	338,549	Raworth, J. S -----	Mar. 23, 1886
327,908	Weston, E -----	Oct. 6, 1885	339,058	Howell, J. W -----	Mar. 30, 1886
332,832	Raworth, J. S -----	Dec. 22, 1885	340,399	Weston, E -----	Apr. 20, 1886
334,145	Weston, E -----	Jan. 12, 1886	340,403	Weston, E -----	Apr. 20, 1886
336,688	Barrett, J. A -----	Feb. 23, 1886	340,538	Amet, E. H -----	Apr. 27, 1886
338,120	Waldo, L -----	Mar. 16, 1886	342,475	Swan, F. A -----	May 25, 1886
338,178	Lundstedt, O. E -----	Mar. 16, 1886	342,777	Cardew, P -----	June 1, 1886

171. GENERATION.—27. INDUCTION-COILS.

326,270	Burnley, W -----	Sept. 15, 1885	332,559	Robinson, J. A -----	Dec. 15, 1885
329,310	Hicks, T. H -----	Oct. 27, 1885	333,739	France, S -----	Jan. 5, 1886
329,772	Perrin, T. J -----	Nov. 3, 1885	342,553	Westinghouse, G., jr -----	May 25, 1886
329,929	Metzger, A -----	Nov. 10, 1885	342,947	Beale, A. M. A -----	June 1, 1886
330,531	Vetter, J. C -----	Nov. 17, 1885	343,602	Pfannkuche, G. and A -----	June 15, 1886
331,121	Eisenhart, C. A -----	Nov. 24, 1885			

171. GENERATION.—33. MAGNETO-ELECTRIC.

321,609	Jones, E -----	July 7, 1885	334,823	Tesla, N -----	Jan. 26, 1886
321,990	Mather, R. H -----	July 14, 1885	335,105	Boissier, H. R -----	Feb. 2, 1886
321,991	Mather, R. H -----	July 14, 1885	335,325	Völker, W. L -----	Feb. 2, 1886
322,230	Whitney, E. R -----	July 14, 1885	335,326	Völker, W. L -----	Feb. 2, 1886
322,810	Ruset, C. F -----	July 14, 1885	335,355	Hering, C -----	Feb. 2, 1886
323,108	Bollmann, L -----	July 28, 1885	336,000	Fisher, F. E -----	Feb. 9, 1886
323,361	Orton, B. F -----	July 28, 1885	336,087	Brush, C. F -----	Feb. 16, 1886
323,362	Orton, B. F -----	July 28, 1885	336,636	Gérard-Léscuyer, J. M. A -----	Feb. 23, 1886
323,363	Orton, B. F -----	July 28, 1885	337,005	Mackie, R -----	Mar. 2, 1886
323,975	Thomson, E -----	Aug. 11, 1885	337,010	McCarty, N -----	Mar. 2, 1886
324,075	Bradley, J. J -----	Aug. 11, 1885	337,041	Bain, F -----	Mar. 2, 1886
324,590	Powers, J. A -----	Aug. 18, 1885	337,042	Bain, F -----	Mar. 2, 1886
324,666	Diehl, P -----	Aug. 18, 1885	337,558	Cörper, C -----	Mar. 9, 1886
324,752	Cushman, H. and Hall, J. P. -----	Aug. 18, 1885	337,824	Eldon, M. S -----	Mar. 16, 1886
325,619	Mueller, C. L. F -----	Sept. 1, 1885	337,885	Stockwell, L. W -----	Mar. 16, 1886
325,714	Van Choate, S. F -----	Sept. 8, 1885	338,169	Forbes, G -----	Mar. 16, 1886
326,796	Smit, W. B. and Pot, A -----	Sept. 22, 1885	338,197	Snowberger, J -----	Mar. 16, 1886
327,790	Grauert, E -----	Oct. 6, 1885	338,321	Van Depoele, C. J -----	Mar. 23, 1886
328,253	Rice, E. W., jr -----	Oct. 13, 1885	338,383	Batchelor, C -----	Mar. 23, 1886
328,572	Edison, T. A -----	Oct. 20, 1885	338,692	Ball, R. E -----	Mar. 30, 1886
328,859	Piper, C. E -----	Oct. 20, 1885	338,910	Ball, R. E -----	Mar. 30, 1886
330,095	Clark, E. P -----	Nov. 10, 1885	339,772	Hering, C -----	Apr. 13, 1886
330,433	Slattery, M. M. M -----	Nov. 17, 1885	339,773	Hering, C -----	Apr. 13, 1886
330,490	Jenney, C. D -----	Nov. 17, 1885	339,839	Batchelor, C. and Walter, H. E -----	Apr. 13, 1886
330,836	Jönsson, O. F -----	Nov. 17, 1885	340,395	Weston, E -----	Apr. 20, 1886
331,155	Orton, B. F -----	Nov. 24, 1885	340,537	Adams, T. E -----	Apr. 27, 1886
331,502	Jackson, C. T -----	Dec. 1, 1885	341,097	De Ferranti, S. Z -----	May 4, 1886
331,726	Müller, H. -----	Dec. 1, 1885	341,303	Woolley, L. G -----	May 4, 1886
331,815	Orton, B. F -----	Dec. 8, 1885	341,981	Woolson, O. C -----	May 18, 1886
331,818	Orton, B. F -----	Dec. 8, 1885	341,990	Batchelor, C -----	May 18, 1886
331,924	Vail, J. H -----	Dec. 8, 1885	342,441	Jenney, C. D -----	May 25, 1886
332,399	Jenney, C. D -----	Dec. 15, 1885	342,504	Eickemeyer, R -----	May 25, 1886
332,427	Parham, C -----	Dec. 15, 1885	342,587	Eickemeyer, R -----	May 25, 1886
332,685	Waterhouse, F. G -----	Dec. 15, 1885	342,588	Eickemeyer, R -----	May 25, 1886
333,174	Thomson, W -----	Dec. 29, 1885	342,589	Eickemeyer, R -----	May 25, 1886
333,563	Stanley, W., jr. and Shallenberger, O. B. -----	Jan. 5, 1886	343,129	Ketchum, A. G -----	June 1, 1886
333,573	Thomson, E -----	Jan. 5, 1886	343,930	Tacy, S. H -----	June 15, 1886
333,902	Thury, R -----	Jan. 5, 1886	344,542	Parsons, C. A -----	June 29, 1886
334,712	Mather, R. H -----	Jan. 19, 1886	344,801	Freeman, W. E -----	June 29, 1886

171. GENERATION.—76. MAGNETO-ELECTRIC—HAND-MACHINES.

327,886	Low, A. H -----	Oct. 6, 1885	335,934	Johnson, W. S. and Fortier, C. L. -----	Feb. 9, 1886
332,388	Fraser, H. T. O -----	Dec. 15, 1885	336,518	Humans, W -----	Feb. 16, 1886
335,693	Gilliland, E. T -----	Feb. 9, 1886	339,672	Mason, G. A -----	Apr. 13, 1886

171. GENERATION.—34. METERS.

No.	NAME.	DATE.	No.	NAME.	DATE.
325,225	Van Depoele, C. J -----	Aug. 25, 1885	336,337	Meeze, A. G -----	Feb. 16, 1886
327,391	Green, J. J -----	Sept. 29, 1885	337,123	Borel, F. and Paccaud, E-----	Mar. 2, 1886
330,451	Weston, E -----	Nov. 17, 1885	337,679	Green, J. J -----	Mar. 9, 1886
333,079	Mott, S. D -----	Dec. 22, 1885	338,588	De Ferrauti, S. Z -----	Mar. 23, 1886
333,779	Patterson, W. C -----	Jan. 5, 1886	338,596	Huber, J. L -----	Mar. 23, 1886
335,687	Drake, J. I -----	Feb. 9, 1886	338,597	Huber, J. L -----	Mar. 23, 1886
336,132	Mott, S. D -----	Feb. 16, 1886	341,918	Jönsson, O. F -----	May 18, 1886
336,133	Mott, S. D -----	Feb. 16, 1886	343,450	Grove, J. R -----	June 8, 1886

171. GENERATION.—40. REGULATORS.

323,059	Moffatt, R. R -----	July 28, 1885	335,547	Thomson, E -----	Feb. 2, 1886
323,470	Van Depoele, C. J -----	Aug. 4, 1885	335,659	Van Depoele, C. J -----	Feb. 9, 1886
323,650	Farmer, M. G -----	Aug. 4, 1885	336,608	Watson, J. E -----	Feb. 23, 1886
323,976	Thomson, E -----	Aug. 11, 1885	336,780	Ball, R. E -----	Feb. 23, 1886
324,501	Thomson, E -----	Aug. 18, 1885	336,961	Tesla, N -----	Mar. 2, 1886
324,566	Lannert, J. A -----	Aug. 18, 1885	336,962	Tesla, N -----	Mar. 2, 1886
324,862	Mather, R. H -----	Aug. 25, 1885	337,628	Shallenberger, O. B -----	Mar. 9, 1886
325,133	Van Depoele, C. J -----	Aug. 25, 1885	337,775	Loomis, O. P. and Cooley, H. W.-----	Mar. 9, 1886
325,576	Stanley, W., jr -----	Sept. 1, 1885	337,776	Loomis, O. P. and Cooley, H. W.-----	Mar. 9, 1886
326,575	Mather, R. H -----	Sept. 22, 1885	337,778	Mather, R. H -----	Mar. 9, 1886
326,603	Stockwell, L. W -----	Sept. 22, 1885	337,896	Van Depoele, C. J -----	Mar. 16, 1886
326,894	Wood, J. J -----	Sept. 22, 1885	338,320	Van Depoele, C. J -----	Mar. 23, 1886
329,118	Ball, C. M -----	Oct. 27, 1885	338,333	Ball, R. E -----	Mar. 23, 1886
329,681	Schlesinger, W. M -----	Nov. 3, 1885	338,550	Raworth, J. S -----	Mar. 23, 1886
330,053	Scribner, C. E -----	Nov. 10, 1885	339,079	Thomson, E. and Rice, E. W -----	Mar. 30, 1886
331,552	Schlesinger, W. M -----	Dec. 1, 1885	339,279	Edison, T. A -----	Apr. 6, 1886
331,814	Orton, B. F -----	Dec. 8, 1885	340,539	Amet, E. H -----	Apr. 27, 1886
331,816	Orton, B. F -----	Dec. 8, 1885	343,373	Holcombe, A. G -----	June 8, 1886
335,048	Wheeler, S. S -----	Jan. 26, 1886	343,886	Brush, C. F -----	June 15, 1886
335,099	Wheeler, S. S -----	Jan. 26, 1886			

171. GENERATION.—97. SYSTEMS OF DISTRIBUTION.

321,461	Thomson, E -----	July 7, 1885	335,060	Doubleday, H. M -----	Jan. 26, 1886
322,188	Thomson, E -----	July 14, 1885	337,004	Mackie, R. and McCarty, N -----	Mar. 2, 1886
322,189	Thomson, E -----	July 14, 1885	339,298	Johnson, E. H -----	Apr. 6, 1886
328,447	Brady, E. L -----	Oct. 13, 1885	342,552	Westinghouse, G., jr -----	May 25, 1886
328,574	Edison, T. A -----	Oct. 20, 1885	342,748	Howell, J. W -----	May 25, 1886
328,575	Edison, T. A -----	Oct. 20, 1885	343,017	Edison, T. A -----	June 1, 1886
329,621	Byllesby, H. M -----	Nov. 3, 1885	343,603	Pfannkuche, G. and A -----	June 15, 1886
335,045	Sprague, F. J -----	Jan. 26, 1886	344,344	Buell, C. E -----	June 29, 1886

172. MOTIVE POWER.—9. CAR BRAKES.

324,470	Hess, E. B -----	Aug. 18, 1885	334,022	Hollerith, H -----	Jan. 12, 1886
324,774	Jones, C. E -----	Aug. 18, 1885	334,637	Card, G. F -----	Jan. 19, 1886
334,020	Hollerith, H -----	Jan. 12, 1886	341,573	Harrington, S. H -----	May 11, 1886
334,021	Hollerith, H -----	Jan. 12, 1886	344,736	Hinckley, H -----	June 29, 1886

172. MOTIVE POWER.—75. LOCOMOTION.

321,934	Siemens, E. W -----	July 7, 1885	325,083	Hopkinson, J -----	Aug. 25, 1885
322,384	Kornbau, D -----	July 14, 1885	325,173	Heysinger, I. W -----	Aug. 25, 1885
322,517	Bentley, E. M -----	July 21, 1885	325,915	Daft, L -----	Sept. 8, 1885
322,859	Siemens, E. W -----	July 21, 1885	326,237	Perry, J. and Ayrton, W. E-----	Sept. 15, 1885
323,138	Gassett, O -----	July 28, 1885	327,381	Clay, H. T -----	Sept. 29, 1885
323,199	Pendleton, J. M -----	July 28, 1885	327,382	Cohen, R. L -----	Sept. 29, 1885
323,459	Sprague, F. J -----	Aug. 4, 1885	327,690	Jackson, A -----	Oct. 6, 1885
323,675	Henderson, J. C -----	Aug. 4, 1885	328,420	McLaughlin, J. F -----	Oct. 13, 1885
323,934	Van Depoele, C. J -----	Aug. 11, 1885	328,821	Sprague, F. J -----	Oct. 20, 1885
324,176	Siemens, E. W -----	Aug. 11, 1885	329,104	Van Depoele, C. J -----	Oct. 27, 1885
324,447	Wynne, F -----	Aug. 18, 1885	330,605	McLaughlin, J. F -----	Nov. 17, 1885
324,892	Sprague, F. J -----	Aug. 25, 1885	331,388	Enos, J. A -----	Dec. 1, 1885
324,899	Van Depoele, C. J -----	Aug. 25, 1885	331,585	Van Depoele, C. J -----	Dec. 1, 1885

172. MOTIVE POWER.—75. LOCOMOTION.—Continued.

No.	NAME.	DATE.	No.	NAME.	DATE.
332,926	McLaughlin, J. F.	Dec. 22, 1885	338,556	Ries, E. E.	Mar. 23, 1886
332,927	McLaughlin, J. F.	Dec. 22, 1885	338,619	Sprague, F. J.	Mar. 23, 1886
332,928	McLaughlin, J. F.	Dec. 22, 1885	338,663	Green, G. F.	Mar. 23, 1886
332,929	McLaughlin, J. F.	Dec. 22, 1885	339,018	Schlesinger, W. M.	Mar. 30, 1886
333,970	Pope, F. L.	Jan. 5, 1886	339,073	Pope, F. L.	Mar. 30, 1886
334,062	Van Depoele, C. J.	Jan. 12, 1886	339,278	Edison, T. A.	Apr. 6, 1886
334,608	Pope, F. L.	Jan. 19, 1886	339,942	Short, S. H. and Nesmith, J. W.	Apr. 13, 1886
335,285	Johnson, E. H.	Feb. 2, 1886	339,955	Wharton, W., jr. and Samuel, E.	Apr. 13, 1886
335,560	Bullock, C.	Feb. 9, 1886	340,462	Siemeus, E. W.	Apr. 20, 1886
336,453	Van Depoele, C. J.	Feb. 16, 1886	340,684	Sprague, F. J.	Apr. 27, 1886
337,109	Allen, R. N.	Mar. 2, 1886	340,685	Sprague, F. J.	Apr. 27, 1886
338,022	Bentley, E. M.	Mar. 16, 1886	341,658	Schlesinger, W. M.	May 4, 1886
338,080	Knight, W. H.	Mar. 16, 1886	342,246	Enos, J. A.	May 18, 1886
338,081	Knight, W. H.	Mar. 16, 1886	342,459	Pendleton, J. H.	May 25, 1886
338,082	Knight, W. H.	Mar. 16, 1886	342,666	Williams, J. T.	May 25, 1886
338,083	Knight, W. H.	Mar. 16, 1886	343,076	Short, S. H.	June 1, 1886
338,150	Green, G. F.	Mar. 16, 1886	343,101	Bentley, E. M.	June 1, 1886
338,174	Knight, W. H.	Mar. 16, 1886	343,319	Jenkin, F.	June 8, 1886
338,175	Knight, W. H.	Mar. 16, 1886	343,719	Miller, S.	June 15, 1886
338,224	Green, G. F.	Mar. 16, 1886	343,884	Bentley, E. M.	June 15, 1886
338,313	Sprague, F. J.	Mar. 23, 1886	344,425	Van Depoele, C. J.	June 29, 1886
338,485	Clay, H. T.	Mar. 23, 1886			

172. MOTIVE POWER.—36. MOTORS.

322,296	Knabe, E., jr.	July 14, 1885	337,793	Sprague, F. J.	Mar. 9, 1886
323,460	Sprague, F. J.	Aug. 4, 1885	337,794	Sprague, F. J.	Mar. 9, 1886
323,652	Farmer, M. G.	Aug. 4, 1885	337,897	Van Depoele, C. J.	Mar. 16, 1886
323,653	Farmer, M. G.	Aug. 4, 1885	337,931	Darling, W. H.	Mar. 16, 1886
323,982	Van Depoele, C. J.	Aug. 11, 1885	338,023	Bentley, E. M.	Mar. 16, 1886
324,667	Diehl, P.	Aug. 18, 1885	338,084	Knight, W. H.	Mar. 16, 1886
324,891	Sprague, F. J.	Aug. 25, 1885	338,085	Knight, W. H.	Mar. 16, 1886
325,641	Woolley, L. G.	Sept. 1, 1885	338,375	Van Depoele, C. J.	Mar. 23, 1886
327,797	Immisch, M.	Oct. 6, 1885	338,622	Stout, G. H.	Mar. 23, 1886
331,880	Hill, W. S.	Dec. 8, 1885	338,976	Keegan, V. E.	Mar. 30, 1886
332,668	Main, W.	Dec. 15, 1885	338,977	Keegan, V. E.	Mar. 30, 1886
335,781	Sprague, F. J.	Feb. 9, 1886	343,176	Higham, E. T. & D.	June 8, 1886
335,863	Weis, J.	Feb. 9, 1886	343,444	Doyle, J.	June 8, 1886
335,996	Eschbach, F. L.	Feb. 9, 1886	343,487	Paine, H. M.	June 8, 1886
335,998	Fisher, F. E.	Feb. 9, 1886	344,262	Emley, J. E.	June 22, 1886
336,629	Dait, L.	Feb. 23, 1886	344,643	Doriot, C.	June 29, 1886
337,777	Loomis, O. P. and Cooley, H. W.	Mar. 9, 1886	344,679	Recordon, E. F.	June 29, 1886

172. MOTIVE POWER.—8. STEERING AND PROPULSION.

322,900	Castro, A.	July 28, 1885	339,096	Haight, G. E. and Wood, W. H.	Mar. 30, 1886
333,008	Griswold, H. P.	Dec. 22, 1885			

172. MOTIVE POWER.—83. TRANSMISSION OF POWER.

322,916	Daft, L.	July 28, 1885	344,260	Elieson, C. P.	June 22, 1886
332,009	Schlesinger, W. M.	Dec. 8, 1885			

173. CONDUCTORS.—13. CONDUCTORS.

322,493	Sorgue, P.	July 21, 1885	327,491	Spalding, H. C.	Sept. 29, 1885
323,920	Denison, R. A.	Aug. 11, 1885	327,493	Spalding, H. C.	Sept. 29, 1885
324,225	Carhart, E. M.	Aug. 11, 1885	327,971	Tatham, J.	Oct. 6, 1885
324,412	Patterson, W. R.	Aug. 18, 1885	330,036	McCahey, J.	Nov. 10, 1885
324,413	Patterson, W. R.	Aug. 18, 1885	330,048	Patterson, W. R.	Nov. 10, 1885
325,363	Royle, V. and J., jr.	Sept. 1, 1885	330,071	Tichenor, A. C.	Nov. 10, 1885
325,743	Hettinger, M.	Sept. 8, 1885	330,873	Cobb, H. B.	Nov. 24, 1885
327,080	Gilliland, E. T.	Sept. 29, 1885	330,874	Cobb, S. B.	Nov. 24, 1885
327,460	Spalding, H. C.	Sept. 29, 1885	332,761	Taylor, R. R.	Dec. 22, 1885
327,462	Spalding, H. C.	Sept. 29, 1885	333,110	Clark, E.	Dec. 29, 1885
327,467	Spalding, H. C.	Sept. 29, 1885	333,111	Clark, E.	Dec. 29, 1885
327,471	Spalding, H. C.	Sept. 29, 1885	333,394	Clark, E. and Richards, T. A.	Dec. 29, 1885

173. CONDUCTORS.—13. CONDUCTORS.—Continued.

No.	NAME.	DATE.	No.	NAME.	DATE.
334,450	Mason, H. R. -----	Jan. 19, 1886	339,787	Kendall, E. D. -----	Apr. 13, 1886
334,763	Fay, C. N. -----	Jan. 26, 1886	342,523	Libbey, H. W. -----	May 25, 1886
335,135	Lee, J. J. -----	Feb. 2, 1886	342,694	Hoard, J. W. and F. R. -----	May 25, 1886
335,495	Williams, J. B. -----	Feb. 2, 1886	342,892	Acheson, E. G. -----	June 1, 1886
336,018	Rigney, W. J. and Wolff, J. -----	Feb. 9, 1886	343,081	Smith, J. J. C. and M. -----	June 1, 1886
336,992	Clark, H. A. -----	Mar. 2, 1886	343,082	Smith, J. J. C. and M. -----	June 1, 1886
337,513	Moxham, A. J. -----	Mar. 9, 1886	343,083	Smith, J. J. C. -----	June 1, 1886
338,733	Habirshaw, W. M. -----	Mar. 30, 1886	343,084	Smith, M. -----	June 1, 1886
338,971	Jügel, J. M. -----	Mar. 30, 1886	343,099	Acheson, E. G. -----	June 1, 1886
339,646	Hallidie, A. S. -----	Apr. 13, 1886	343,293	Bowen, C. H. -----	June 3, 1886
339,777	Howe, J. -----	Apr. 13, 1886	343,651	Sperry, E. A. -----	June 15, 1886

173. CONDUCTORS.—94. CONDUCTORS—LEAD-COVERED.

323,021	Cruikshank, G. M. -----	Sept. 8, 1885
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173. CONDUCTORS.—70. CONDUCTORS—UNDERGROUND.

321,865	Teggart, J. -----	July 7, 1885	330,724	Montgomery, S. -----	Nov. 17, 1885
321,956	Ellis, J. W. -----	July 14, 1885	331,918	Street, E. A. and Fleming, R. W. -----	Dec. 8, 1885
322,018	Smith, W. D. B. and Milliken, F. J. -----	July 14, 1885	332,047	Burdick, J. R. -----	Dec. 8, 1885
322,529	Dorsett, D. H. -----	July 21, 1885	332,149	Hoeverler, W. A. -----	Dec. 8, 1885
323,241	Walter, W. -----	July 28, 1885	332,319	Barrett, J. A. -----	Dec. 15, 1885
323,964	Rogers, W. B. -----	Aug. 11, 1885	333,462	Hoeverler, W. A. -----	Dec. 29, 1885
325,495	Brooks, D. -----	Sept. 1, 1885	334,708	Kruesi, J. and Langton, J., jr. -----	Jan. 19, 1886
325,531	Gould, J. H. -----	Sept. 1, 1885	334,709	Kruesi, J. and Langton, J., jr. -----	Jan. 19, 1886
325,984	Smith, W. D. -----	Sept. 8, 1885	334,850	Denison, R. A. -----	Jan. 26, 1886
327,333	Cox, G. S. -----	Sept. 29, 1885	335,091	Putnam, T. A. B. -----	Jan. 26, 1886
327,458	McMaekin, P. -----	Sept. 29, 1885	337,472	Allen, S. M. -----	Mar. 9, 1886
327,463	Spalding, H. C. -----	Sept. 29, 1885	337,624	Schillinger, J. J. -----	Mar. 9, 1886
327,465	Spalding, H. C. -----	Sept. 29, 1885	338,518	Gilman, C. C. -----	Mar. 23, 1886
327,468	Spalding, H. C. -----	Sept. 29, 1885	339,341	Spalding, H. C. -----	Apr. 6, 1886
327,474	Spalding, H. C. -----	Sept. 29, 1885	339,844	Beeler, J. -----	Apr. 13, 1886
327,475	Spalding, H. C. -----	Sept. 29, 1885	340,046	Hurlbut, D. N. -----	Apr. 13, 1886
327,477	Spalding, H. C. -----	Sept. 29, 1885	340,431	Dorsett, D. H. -----	Apr. 20, 1886
327,478	Spalding, H. C. -----	Sept. 29, 1885	340,432	Dorsett, D. H. -----	Apr. 20, 1886
327,480	Spalding, H. C. -----	Sept. 29, 1885	340,433	Dorsett, D. H. -----	Apr. 20, 1886
327,481	Spalding, H. C. -----	Sept. 29, 1885	342,280	Burdick, J. R. -----	May 13, 1886
327,483	Spalding, H. C. -----	Sept. 29, 1885	342,324	Brandon, A. -----	May 25, 1886
328,012	Cox, H. F. -----	Oct. 13, 1885	343,354	Wyckoff, A. -----	June 8, 1886
328,712	Pennoek, G. B. -----	Oct. 20, 1885	343,438	Hull, G. S. -----	June 8, 1886
329,887	Caples, I. L. and Lewis, W. W. -----	Nov. 10, 1885	344,324	Munsie, J. F. -----	June 22, 1886
330,049	Patterson, W. R. -----	Nov. 10, 1885	344,732	Fondersmith, H. -----	June 29, 1886
330,277	Williams, T. D. -----	Nov. 10, 1885	344,764	Woodward, A. T. -----	June 29, 1886

173. CONDUCTORS.—14. CONNECTORS.

323,243	Warren, A. G. -----	July 23, 1885	329,162	Hamilton, E. M. -----	Oct. 27, 1885
324,171	Sawyer, W. H. -----	Aug. 11, 1885	337,260	Hanlon, J. P. A., J. F. and G. O. -----	Mar. 2, 1886
324,410	Otto, G. -----	Aug. 13, 1885	338,131	Anderson, H. -----	Mar. 16, 1886
325,653	Bunnell, J. H. -----	Sept. 8, 1885	340,426	Cox, H. B. -----	Apr. 20, 1886
326,906	Helvin, J. A. and Van Hoevenbergh, H. -----	Sept. 22, 1885	341,123	Burton, G. D. -----	May 4, 1886
327,479	Spalding, H. C. -----	Sept. 29, 1885	342,751	Johnson, E. H. -----	May 25, 1886
328,502	McLeod, C. G. -----	Oct. 20, 1885	343,515	Burton, G. D. -----	June 8, 1886

173. CONDUCTORS.—23. INSULATORS.

321,646	Schoonmaker, E. T. -----	July 7, 1885	330,173	Tringham, J. W. -----	Nov. 10, 1885
323,055	McGrory, T. -----	July 28, 1885	332,061	Deblieux, B. N. -----	Dec. 8, 1885
324,692	Hill, G. W. -----	Aug. 18, 1885	336,276	Wilson, J. -----	Feb. 16, 1886
324,957	Putnam, J. D. -----	Aug. 25, 1885	336,828	Travis, C. L. -----	Feb. 23, 1886
326,132	Matherson, P. C. -----	Sept. 15, 1885	339,822	Swan, A. -----	Apr. 13, 1886
328,728	Smith, L. O. -----	Oct. 20, 1885	340,734	Seaboldt, B. -----	Apr. 27, 1886
328,929	Fawcett, W. N. and Huntley, G. F. -----	Oct. 27, 1885	342,320	Blake, E. C. and Trimmell, E. C. -----	May 25, 1886

CLASSIFIED INDEX—ELECTRICITY.

173. CONDUCTORS.—31. LIGHTNING-RODS.

No.	NAME.	DATE.	No.	NAME.	DATE.
323,105	Bradley, S -----	July 28, 1885	332,673	Munson, A. J. -----	Dec. 15, 1885
329,833	Hubbell, C. J. -----	Nov. 3, 1885	343,332	Munson, A. J. -----	June 8, 1886
332,383	Cole, J. W. and Knudsen, H. -----	Dec. 15, 1885	344,096	Foy, E. A. -----	June 22, 1886

173. CONDUCTORS.—43. RHEOSTATS.

322,915	Daft, L -----	July 28, 1885	338,708	Brown, H. P. and F. H. -----	Mar. 30, 1886
330,449	Weston, E -----	Nov. 17, 1885	340,393	Weston, E -----	Apr. 20, 1886
336,716	Hill, S. A. -----	Feb. 23, 1886	340,449	Little, F. P. and McDonald, W. H. -----	Apr. 20, 1886

173. CONDUCTORS.—86. TELEGRAPH-POLES.

338,115	Terry, S. H. -----	Mar. 16, 1886	340,520	Potts, A. -----	Apr. 20, 1886
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174. MEDICAL AND SURGICAL.—88. BODY-WEAR.

324,713	Main, O. F. -----	Aug. 18, 1885	335,638	Sherwood, A. T. -----	Feb. 9, 1886
325,086	Hughes, L. -----	Aug. 25, 1885	335,639	Sherwood, A. T. -----	Feb. 9, 1886
328,829	Wenigmann, P. -----	Oct. 20, 1885	336,450	Valiant, P. F. -----	Feb. 16, 1886
332,467	West, C. N. -----	Dec. 15, 1885	336,897	Culp, J. D. -----	Mar. 2, 1886
334,879	Mayer, J. -----	Jan. 26, 1886	340,815	Payne, M. and Benson, D. -----	Apr. 27, 1886
335,417	Beidler, H. M. -----	Feb. 2, 1886	341,593	McGinnis, W. T. -----	May 11, 1886
335,637	Sherwood, A. T. -----	Feb. 9, 1886	343,620	Wright, G. A. -----	June 15, 1886

175. SPECIAL APPLICATIONS.—4. APPLICATIONS—GENERAL.

321,599	Hathaway, T. H. -----	July 7, 1885	335,970	Skinner, C. E. -----	Feb. 9, 1886
322,030	Williams, J. R. -----	July 14, 1885	336,622	Coffin, C. L. -----	Feb. 23, 1886
323,974	Thompson, R. H. S. -----	Aug. 11, 1885	337,334	Jones, C. S., Crooker, W. W. and Art6s, F. -----	Mar. 2, 1886
324,621	Wheeler, S. S. -----	Aug. 18, 1885	337,803	Worth, A. B. -----	Mar. 9, 1886
324,658	Cowles, E. H. and A. H. -----	Aug. 18, 1885	337,804	Worth, A. B. -----	Mar. 9, 1886
324,659	Cowles, E. H., Mabery, C. F. and Cowles, A. H. -----	Aug. 18, 1885	339,540	Fraser, E. J. -----	Apr. 6, 1886
326,957	Eisenhart, C. A. -----	Sept. 29, 1885	339,541	Fraser, E. J. -----	Apr. 6, 1886
327,089	Julig, L. -----	Sept. 29, 1885	339,706	Smith, W. T. -----	Apr. 13, 1886
330,640	Timby, T. R. -----	Nov. 17, 1885	339,727	Atkins, E. C. -----	Apr. 13, 1886
330,642	Timby, T. R. -----	Nov. 17, 1885	341,727	Cabell, S. G. -----	May 11, 1886
331,081	Neumeyer, H. F. -----	Nov. 24, 1885	341,788	Arnold, J. McK. -----	May 11, 1886
332,071	Gaviitt, J. K. G. -----	Dec. 8, 1885	342,495	Barker, A. A. -----	May 25, 1886
333,574	Shaler, N. S. -----	Jan. 5, 1886	342,548	Walker, A. O. -----	May 25, 1886
333,951	Hyde, D. W. -----	Jan. 5, 1886	343,939	Wilson, D. H. -----	June 15, 1886
334,158	Beard, G. W. -----	Jan. 12, 1886	344,170	Delmage, W. A. -----	June 22, 1886
334,222	Fitch, H. A. -----	Jan. 12, 1886			

175. SPECIAL APPLICATIONS.—5. APPLICATIONS—TOOLS AND MACHINES.

322,335	Wetmore, J. A. -----	July 14, 1885	334,620	Serrell, E. W., jr. -----	Jan. 19, 1886
324,751	Curtiss, R. M. -----	Aug. 18, 1885	334,621	Serrell, E. W., jr. -----	Jan. 19, 1886
330,226	Gibbins, J. P. -----	Nov. 10, 1885	337,000	Holland, J. P. -----	Mar. 2, 1886
331,386	Eames, G. M. -----	Dec. 1, 1885	337,872	Russell, S. -----	Mar. 16, 1886
333,336	Regan, D. S. -----	Dec. 29, 1885	337,873	Russell, S. -----	Mar. 16, 1886
333,838	Delamare - Deboutteville, E. and Malandin, L. P. C. -----	Jan. 5, 1886	338,522	Hastings, C. W. -----	Mar. 23, 1886
334,153	Babcock, G. H. -----	Jan. 12, 1886	341,380	Hey, G. W. and Laass, E. -----	May 4, 1886
334,154	Babcock, G. H. -----	Jan. 12, 1886	341,536	Zalinski, E. L. -----	May 11, 1886
334,618	Serrell, E. W., jr. -----	Jan. 19, 1886	341,537	Zalinski, E. L. -----	May 11, 1886
334,619	Serrell, E. W., jr. -----	Jan. 19, 1886	344,073	Ball, J. -----	June 22, 1886

175. SPECIAL APPLICATIONS.—20. ELECTROLYSIS.

322,169	Farmer, M. G. -----	July 14, 1885	330,149	Pilet, G. and Carry, C. -----	Nov. 10, 1885
322,170	Farmer, M. G. -----	July 14, 1885	330,247	Liepmann, H. -----	Nov. 10, 1885
323,514	Majert, W. -----	Aug. 4, 1885	331,104	Winslow, W. H. -----	Nov. 24, 1885

175. SPECIAL APPLICATIONS.—20. ELECTROLYSIS.—Continued.

No.	NAME.	DATE.	No.	NAME.	DATE.
331,105	Winslow, W. H. -----	Nov. 24, 1885	336,030	Wiswell, J. C. -----	Feb. 9, 1886
331,609	Boissier, H. R. -----	Dec. 1, 1885	338,941	Farmer, M. G. -----	Mar. 30, 1886
332,705	Eames, H. H. -----	Dec. 22, 1885	339,431	Ladd, W. J. -----	Apr. 6, 1886
333,815	Body, M. -----	Jan. 5, 1886	340,460	Rogers, L. H. -----	Apr. 20, 1886
335,905	Farmer M. G. -----	Feb. 9, 1886			

175. SPECIAL APPLICATIONS.—21. ELECTRO-MAGNETS.

327,469	Spalding, H. C. -----	Sept. 29, 1885	338,260	Gaiser, C. A. -----	Mar. 23, 1886
329,768	Parkes, S. H. -----	Nov. 3, 1885	338,261	Gaiser, C. A. -----	Mar. 23, 1886
330,463	Brown, H. P. -----	Nov. 17, 1885	343,008	Clarke, C. L. -----	June 1, 1886
331,830	Silliman, E. B. -----	Dec. 8, 1885	343,227	Cutten, E. B. -----	June 8, 1886

175. SPECIAL APPLICATIONS.—96. ELECTRO-MAGNETS—MACHINES FOR WINDING.

327,470	Spalding, H. C. -----	Sept. 29, 1885			
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175. SPECIAL APPLICATIONS.—16. HEATERS.

323,651	Farmer, M. G. -----	Aug. 4, 1885	335,499	Bradley, C. S. and Crocker, F. E. -----	Feb. 2, 1886
335,058	Cowles, A. H. -----	Jan. 26, 1886			
335,059	Cowles, E. H. and A. H. -----	Jan. 26, 1886	342,240	Harrell, J. J. -----	June 8, 1886

175. SPECIAL APPLICATIONS.—92. IGNITING DEVICES.

324,058	White, L. S. -----	Aug. 11, 1885	338,747	Holtzer, C. W. -----	Mar. 30, 1886
325,569	Root, F. H. -----	Sept. 1, 1885	338,748	Holtzer, C. W. -----	Mar. 30, 1886
328,976	Rousseau, D. -----	Oct. 27, 1885	341,565	Finck, J. -----	May 11, 1886
328,977	Rousseau, D. -----	Oct. 27, 1885	341,566	Finck, J. -----	May 11, 1886
331,221	White, L. S. -----	Nov. 24, 1885	341,882	Cogswell, A. F., Young, W. and Haldeman, J. R. -----	May 18, 1886
331,630	Geary, J. -----	Dec. 1, 1885			

175. SPECIAL APPLICATIONS.—91. IGNITING DEVICES—PORTABLE.

322,233	Williams, H. N. -----	July 14, 1885	336,898	Culp, J. D. -----	Mar. 2, 1886
324,009	Clarke, C. L. -----	Aug. 11, 1885			

175. SPECIAL APPLICATIONS.—93. MAGNETIC LOCKS AND BOLTS.

322,317	Peirce, W. E. -----	July 14, 1885	328,030	Henzel, G. L. -----	Oct. 13, 1885
322,681	Casey, T. A. -----	July 21, 1885	329,222	Sedgwick, F. -----	Oct. 27, 1885
323,918	Crockett, C. H. and Allen, C. C. -----	Aug. 11, 1885	329,223	Sedgwick, F. -----	Oct. 27, 1885
326,424	Gassett, O. -----	Sept. 15, 1885	331,390	Fowler, E. W. -----	Dec. 1, 1885

175. SPECIAL APPLICATIONS.—90. SEPARATORS.

326,760	Marchese, E. -----	Sept. 22, 1885	342,421	Birmingham, D. W. -----	May 25, 1886
326,402	Fisher, F. E. -----	Feb. 16, 1886	344,720	Carpenter, F. R. -----	June 29, 1886
339,017	Schaeffer, G. -----	Mar. 30, 1886			

175. SPECIAL APPLICATIONS.—84. VALVE CONTROLLERS.

321,426	Ells, J. W. -----	July 7, 1885	328,156	Tucker, C. A. -----	Oct. 13, 1885
326,223	Jönsson, O. F. -----	Sept. 15, 1885	328,556	Amet, E. H. -----	Oct. 20, 1885
326,337	Sanders, L. M. -----	Sept. 15, 1885	329,112	Williams, P. W. -----	Oct. 27, 1885
326,359	Wacker, G. G. -----	Sept. 15, 1885	330,379	Cousins, J. L. -----	Nov. 17, 1885
326,933	Amet, E. H. -----	Sept. 29, 1885	331,406	Johnson, W. S. -----	Dec. 1, 1885
326,934	Amet, E. H. -----	Sept. 29, 1885	331,674	Bailey, R. A. -----	Dec. 1, 1885
327,525	Clarke, C. L. -----	Oct. 6, 1885	333,791	Tatham, H. B., jr -----	Jan. 5, 1886

175. SPECIAL APPLICATIONS.—84. VALVE-CONTROLLERS—Continued.

No.	NAME.	DATE.	No.	NAME.	DATE.
339,826	Tengvall, A. O -----	Apr. 13, 1886	342,018	Johnson, W. S. -----	May 18, 1886
339,888	Hinds, F. A -----	Apr. 13, 1886	342,872	Leigh, E. and Townend, T. ---	June 1, 1886
341,092	Butz, A. M. -----	May 4, 1886	343,053	Morse, P. C -----	June 1, 1886
341,368	Amet, E. H -----	May 4, 1886	343,642	Kissell, A. S -----	June 15, 1886

176. ELECTRIC LIGHTING.—80. CUT-OUTS—ELECTRO-MAGNETIC.

324,980	Cabot, J. A -----	Aug. 25, 1885	10,663	Drake, C. C ----- (Reis.)	Nov. 24, 1885
327,039	Thomson, E -----	Sept. 29, 1885	336,040	Drake, C. C -----	Feb. 9, 1886
327,498	Spalding, H. C -----	Sept. 29, 1885	338,752	Jönsson, O. F -----	Mar. 30, 1886
327,499	Spalding, H. C -----	Sept. 29, 1885	339,363	Belt, P. P -----	Apr. 6, 1886
327,500	Spalding, H. C -----	Sept. 29, 1885	340,448	Little, F. P. and McDonald, W. H.	Apr. 20, 1886
327,795	Heisler, C -----	Oct. 6, 1885	342,549	Ward, J. H. R. and Jenks, W. J.	May 25, 1886
329,808	Bruns, C. L -----	Nov. 3, 1885			
330,466	Brown, H. P -----	Nov. 17, 1885			

176. ELECTRIC LIGHTING.—79. CUT-OUTS—MECHANICAL.

322,745	Nicolaus, E. B. -----	July 21, 1885	334,143	Weston, E -----	Jan. 12, 1886
324,711	Lothrop, C. H. -----	Aug. 18, 1885	335,269	Brush, C. F -----	Feb. 2, 1886
328,695	Leonard, S. S -----	Oct. 20, 1885	335,548	Thomson, E -----	Feb. 2, 1886
329,460	Lemp, H -----	Nov. 3, 1885	340,401	Weston, E -----	Apr. 20, 1886
330,949	Wightman, M. J -----	Nov. 24, 1885	340,868	Fairchild, J. M -----	Apr. 27, 1886
332,721	Loomis, O. P. and Cooley, H. W.	Dec. 22, 1885	341,723	Lerguann, S -----	May 11, 1886
			343,256	Lernstein, A -----	June 8, 1886

176. ELECTRIC LIGHTING.—78. CUT-OUTS—THERMAL.

322,214	Vail, T. N -----	July 14, 1885	341,289	Temple, E. B -----	May 4, 1886
332,286	Pfannkuche, G -----	Dec. 15, 1885	341,384	Lüngen, A -----	May 4, 1886
338,208	Thomson, E. and Rice, E. W., jr	Mar. 16, 1886			

176. ELECTRIC LIGHTING.—17. LIGHTS—ARC.

322,033	Beck, C. F -----	July 14, 1885	334,023	Jenney, J. A -----	Jan. 12, 1886
322,115	Lever, C -----	July 14, 1885	334,073	Gage, G. A. and Crary, C. W.	Jan. 12, 1886
322,895	Burton, G. D -----	July 28, 1885	334,144	Weston, E -----	Jan. 12, 1886
323,516	Mather, R. H -----	Aug. 4, 1885	334,317	Waterhouse, F. G -----	Jan. 12, 1886
324,008	Clark, J. E. L. and W. J. K. and Bowman, R. D.	Aug. 11, 1885	334,353	Dales, J. R. and Adams, E. L.	Jan. 12, 1886
			334,365	Ferguson, A. C -----	Jan. 12, 1886
324,305	Cutten, E. B -----	Aug. 11, 1885	335,368	Levison, W. G -----	Feb. 2, 1886
324,311	Fiske, B. A -----	Aug. 11, 1885	335,459	Klostermann, F -----	Feb. 2, 1886
324,502	Thomson, E -----	Aug. 18, 1885	335,786	Tesla, N -----	Feb. 9, 1886
324,778	Loomis, O. P -----	Aug. 18, 1885	335,787	Tesla, N -----	Feb. 9, 1886
324,792	Worth, A. B -----	Aug. 18, 1885	336,176	Tregoning, J -----	Feb. 16, 1886
324,978	Bowman, A. H -----	Aug. 25, 1885	336,184	Waterhouse, A. G -----	Feb. 16, 1886
325,423	McCarty, N -----	Sept. 1, 1885	336,452	Van Depoele, C. J -----	Feb. 16, 1886
325,424	McCarty, N -----	Sept. 1, 1885	336,503	Waterhouse, A. G -----	Feb. 16, 1886
325,802	Hopkins, G. M -----	Sept. 8, 1885	336,635	Gérard-Lescuyer, J. M. A. ---	Feb. 23, 1886
326,123	Jones, R. F -----	Sept. 15, 1885	337,289	Wood, J. J -----	Mar. 2, 1886
326,487	Du Shane, J -----	Sept. 15, 1885	337,737	Buckley, W. F -----	Mar. 9, 1886
327,282	Levett, H. H -----	Sept. 29, 1885	338,122	Walther, R. and H -----	Mar. 16, 1886
327,375	Allen, J. G -----	Sept. 29, 1885	338,352	Mayo, G. A -----	Mar. 23, 1886
328,022	Fyfe, A. L. and Main, J -----	Oct. 13, 1885	339,908	Macdonald, D. B. and Woodman, H. W.	Apr. 13, 1886
329,166	Holcombe, A. G -----	Oct. 27, 1885			
329,461	Lemp, H -----	Nov. 3, 1885	340,065	Stupakoff, S. H -----	Apr. 13, 1886
329,948	Pyle, G. C -----	Nov. 10, 1885	340,182	Woolley, L. G -----	Apr. 20, 1886
330,052	Scribner, C. E -----	Nov. 10, 1885	343,188	Moses, O. A -----	June 8, 1886
330,055	Scribner, C. E -----	Nov. 10, 1885	343,242	Jönsson, O. F -----	June 8, 1886
330,351	Romanze, O -----	Nov. 10, 1885	343,811	Golitzinsky, Y. V. and Rymascheffski, P. O.	June 15, 1886
10,738	Romanze, O ----- (Reis.)	June 22, 1886			
330,450	Weston, E -----	Nov. 17, 1885	344,188	McCarty, N -----	June 22, 1886
331,327	Pyle, G. C -----	Dec. 1, 1885	344,252	Dales, J. R. and Markland, W. H.	June 22, 1886
332,173	Willson, T. L -----	Dec. 8, 1885			
332,971	Thomas, W. M -----	Dec. 22, 1885	344,642	Doriot, C -----	June 29, 1886
333,194	Cain, J -----	Dec. 29, 1885	344,802	Freeman, W. E -----	June 29, 1886

176. ELECTRIC LIGHTING.—102. LIGHTS—FILAMENTS AND CARBONS.

No.	NAME.	DATE.	No.	NAME.	DATE.
322,993	Swan, J. W. -----	July 28, 1885	330,586	Heisler, C. -----	Nov. 17, 1885
323,319	Grubbe, H. H. -----	July 28, 1885	331,663	Thompson, E. P. -----	Dec. 1, 1885
323,372	Stanley, W., jr. and Thompson, E. P. -----	July 28, 1885	334,142	Weston, E. -----	Jan. 12, 1886
			334,146	Weston, E. -----	Jan. 12, 1886
323,500	Coultass, C. -----	Aug. 4, 1885	334,853	Edison, T. A. -----	Jan. 26, 1886
324,193	Van Depoele, C. J. -----	Aug. 11, 1885	338,542	McTigue, J. J. -----	Mar. 23, 1886
324,981	Cabot, J. A. -----	Aug. 25, 1885	340,397	Weston, E. -----	Apr. 20, 1886
325,257	Mackay, P. N. -----	Sept. 1, 1885	340,402	Weston, E. -----	Apr. 20, 1886
329,670	Nicholson, S. and Bowen, H. A. -----	Nov. 3, 1885			

176. ELECTRIC LIGHTING.—18. LIGHTS—INCANDESCENT.

321,933	Pieper, H. -----	July 7, 1885	333,657	Moffatt, R. R. -----	Jan. 5, 1886
322,024	Van Gestel, J. and Beek, C. F. -----	July 14, 1885	334,147	Weston, E. -----	Jan. 12, 1886
322,496	Stanley, W., jr. -----	July 21, 1885	335,158	Thomson, E. -----	Feb. 2, 1886
322,498	Stern, P. K. -----	July 21, 1885	335,831	Moses, O. A. -----	Feb. 9, 1886
323,205	Reinmann, A. L. -----	July 28, 1885	336,637	Gérard-Léseneur, J. M. A. -----	Feb. 23, 1886
323,983	Van Depoele, C. J. -----	Aug. 11, 1885	336,729	Main, W. -----	Feb. 23, 1886
324,038	Moses, O. A. -----	Aug. 11, 1885	337,336	Klein, P. H., jr. -----	Mar. 2, 1886
324,334	Moses, O. A. -----	Aug. 11, 1885	337,899	Van Depoele, C. J. -----	Mar. 16, 1886
325,540	Hess, G. -----	Sept. 1, 1885	339,253	Arnold, C. R. -----	Apr. 6, 1886
325,958	Moses, O. A. -----	Sept. 8, 1885	340,396	Weston, E. -----	Apr. 20, 1886
326,584	Perkins, C. G. -----	Sept. 22, 1885	341,620	Woolley, L. G. -----	May 11, 1886
326,979	Heiman, S. -----	Sept. 29, 1885	341,644	Edison, T. A. -----	May 11, 1886
327,578	Nelson, J. -----	Oct. 6, 1885	341,778	Stieringer, L. -----	May 11, 1886
331,002	Perkins, C. G. -----	Nov. 24, 1885	341,839	Edison, T. A. -----	May 11, 1886
331,764	Brush, C. F. -----	Dec. 8, 1885	341,997	Crossley, L. J. and Hicks, J. J. -----	May 18, 1886
333,028	Stanley, W., jr. -----	Dec. 22, 1885	344,343	Buell, C. E. -----	June 29, 1886

176. ELECTRIC LIGHTING.—98. LIGHTS—SOCKETS AND KEYS.

322,744	Moses, O. A. -----	July 21, 1885	336,191	Wightman, M. J. -----	Feb. 16, 1886
322,857	Schaefer, F. -----	July 21, 1885	339,217	Schaefer, F. -----	Apr. 6, 1886
324,530	Brown, F. M. -----	Aug. 18, 1885	339,218	Schaefer, F. -----	Apr. 6, 1886
324,894	Stanley, W., jr. -----	Aug. 25, 1885	339,714	Thomson, E. -----	Apr. 13, 1886
324,979	Cabot, J. A. -----	Aug. 25, 1885	340,400	Weston, E. -----	Apr. 20, 1886
328,831	Arnold, C. R. -----	Oct. 20, 1885	343,313	Heinze, L. -----	June 8, 1886
329,618	Benton, C. H. -----	Nov. 3, 1885	344,417	Slattery, M. M. M. -----	June 29, 1886
330,269	Stanley, W., jr. -----	Nov. 10, 1885	344,692	Thomson, E. and Rice, E. W., jr. -----	June 29, 1886
335,160	Thomson, E. -----	Feb. 2, 1886			

176. ELECTRIC LIGHTING.—19. LIGHTS—SYSTEMS AND APPLIANCES.

321,463	Thomson, E. -----	July 7, 1885	327,888	Main, W. -----	Oct. 6, 1885
321,493	Haid, A. -----	July 7, 1885	327,889	Main, W. -----	Oct. 6, 1885
321,748	Paine, W. J. and S. B. -----	July 7, 1885	328,573	Edison, T. A. -----	Oct. 20, 1885
321,749	Paine, W. J. and S. B. -----	July 7, 1885	328,832	Arnold, C. R. -----	Oct. 20, 1885
321,788	Bossard, A. -----	July 7, 1885	329,510	Travis, C. L. -----	Nov. 3, 1885
321,843	Paine, W. J. -----	July 7, 1885	330,139	Meyer, C. W. -----	Nov. 10, 1885
321,844	Paine, W. J. -----	July 7, 1885	330,244	Lange, P. -----	Nov. 10, 1885
321,845	Paine, W. J. -----	July 7, 1885	330,356	Trotter, A. P. -----	Nov. 10, 1885
321,846	Paine, W. J. -----	July 7, 1885	330,464	Brown, H. P. -----	Nov. 17, 1885
322,375	Heysinger, I. W. -----	July 14, 1885	330,465	Brown, H. P. -----	Nov. 17, 1885
322,515	Young, J. -----	July 21, 1885	331,817	Orton, B. F. -----	Dec. 8, 1885
323,150	Holzer, W. -----	July 28, 1885	332,453	Smith, C. -----	Dec. 15, 1885
323,504	Fletcher, J. R. -----	Aug. 4, 1885	333,219	Harding, A. -----	Dec. 29, 1885
323,625	Barnes, R. F. -----	Aug. 4, 1885	333,564	Stanley, W., jr. -----	Jan. 5, 1886
323,981	Van Depoele, C. J. -----	Aug. 11, 1885	333,698	Thomas, W. M. -----	Jan. 5, 1886
324,551	Goldenberg, L. -----	Aug. 18, 1885	333,727	Campbell, J. H. -----	Jan. 5, 1886
325,339	Brown, H. P. -----	Sept. 1, 1885	333,742	Gaillard, E. N. -----	Jan. 5, 1886
325,390	Brown, H. P. -----	Sept. 1, 1885	334,366	Ferguson, A. C. -----	Jan. 12, 1886
325,391	Brown, H. P. -----	Sept. 1, 1885	334,858	Guernsey, D. W. -----	Jan. 26, 1886
325,795	Freese, H. E. -----	Sept. 8, 1885	335,102	Adams, B. S. -----	Feb. 2, 1886
325,796	Freese, H. E. -----	Sept. 8, 1885	335,159	Thomson, E. -----	Feb. 2, 1886
326,363	Weston, W. S. -----	Sept. 15, 1885	336,510	Criado, L. F. -----	Feb. 16, 1886
326,364	Weston, W. S. -----	Sept. 15, 1885	337,199	Robb, J. T. -----	Mar. 2, 1886
326,459	Sprague, S. H. -----	Sept. 15, 1885	337,296	Bergmann, S. -----	Mar. 2, 1886
326,498	Griffin, P. H. -----	Sept. 15, 1885	337,548	Bacon, R. A. -----	Mar. 9, 1886
327,796	Heisler, C. -----	Oct. 6, 1885	337,923	Brown, H. P. -----	Mar. 16, 1886

176. ELECTRIC LIGHTING.—19. LIGHTS—SYSTEMS AND APPLIANCES.—Continued.

No.	NAME.	DATE.	No.	NAME.	DATE.
338,551	Reinmann, A. L. and C. F. ----	Mar. 23, 1886	340,512	Krautz, P.-----	Apr. 20, 1886
338,552	Reinmann, A. L.-----	Mar. 23, 1886	340,717	Holt, A. J.-----	Apr. 27, 1886
338,919	Brady, T. H.-----	Mar. 30, 1886	341,059	Schlesinger, W. M.-----	May 4, 1886
338,920	Brady, T. H.-----	Mar. 30, 1886	341,873	Bayles, H. B.-----	May 18, 1886
339,371	Brady, T. H.-----	Apr. 6, 1886	343,087	Stieringer, L. and Vail, J. H.-----	June 1, 1886
339,754	Foote, A. R. S.-----	Apr. 13, 1886	344,532	Jones, W. A.-----	June 29, 1886
339,930	Reinmann, A. L. and Ott, C. G.-----	Apr. 13, 1886	344,652	Hammerstein, G. J.-----	June 29, 1886
340,404	Weston, E.-----	Apr. 20, 1886			

177. ELECTRIC SIGNALING.—1. ALARMS.

323,600	Ryman, W. P.-----	Aug. 4, 1885	336,078	Ball, C. E.-----	Feb. 16, 1886
324,808	Bobrick, G. A.-----	Aug. 25, 1885	336,773	Weil, L.-----	Feb. 23, 1886
325,639	Wood, J. J.-----	Sept. 1, 1885	337,067	Korfhage, C.-----	Mar. 2, 1886
327,143	Cutten, E. B.-----	Sept. 29, 1885	337,116	Bauman, H. G.-----	Mar. 2, 1886
327,175	Keating, A. S.-----	Sept. 29, 1885	338,935	Davis, G. H.-----	Mar. 30, 1886
327,176	Keating, A. S.-----	Sept. 29, 1885	339,094	Grovesteen, M. W.-----	Mar. 30, 1886
328,166	Williams, G. M.-----	Oct. 13, 1885	340,441	Horack, C. L.-----	Apr. 20, 1886
331,119	Eaton, G. H.-----	Nov. 24, 1885	341,694	Rollins, E. K.-----	May 11, 1886
334,890	O'Donel, I. M.-----	Jan. 26, 1886	341,926	Lenaerts, L. and L'Olivier, H.-----	May 18, 1886
335,223	Hexamer, C. J.-----	Feb. 2, 1886	342,709	Ruenzi, J. W.-----	May 25, 1886

177. ELECTRIC SIGNALING.—2. ALARMS—BURGLAR.

324,019	Garrett, H.-----	Aug. 11, 1885	341,460	Cross, F.-----	May 11, 1886
324,369	Edwards, R.-----	Aug. 18, 1885	343,372	Hoffman, H. H.-----	June 8, 1886
327,919	Burmann, J.-----	Oct. 6, 1885	343,868	Tomney, J.-----	June 15, 1886
329,294	Ehrlich, L.-----	Oct. 27, 1885	343,869	Tomney, J.-----	June 15, 1886
332,130	Yeakle, J. B.-----	Dec. 8, 1885	344,358	Dickens, S. T.-----	June 29, 1886
332,254	Hoffman, H. H.-----	Dec. 15, 1885			

177. ELECTRIC SIGNALING.—3. ANNUNCIATORS.

323,921	Dey, C. E.-----	Aug. 11, 1885	336,479	Fontaine, A. S.-----	Feb. 16, 1886
325,463	Waite, H. E.-----	Sept. 1, 1885	336,809	Holcombe, A. G.-----	Feb. 23, 1886
327,997	Briggs, A. E.-----	Oct. 13, 1885	337,439	Sanford, S. J.-----	Mar. 9, 1886
330,903	Kinsman, F. E.-----	Nov. 24, 1885	338,697	Beers, J. L.-----	Mar. 30, 1886
331,257	Priece, C. W. and Barrett, A.-----	Nov. 24, 1885	10,711	Hess, A. T.----- (Reis.)	Apr. 13, 1886
331,650	Pond, C. H.-----	Dec. 1, 1885	341,909	Hess, A. T.-----	May 18, 1886
333,063	Foote, D. S.-----	Dec. 22, 1885	343,374	Holcombe, A. G.-----	June 8, 1886
335,604	McLaughlin, J. C.-----	Feb. 9, 1886	344,072	Baillie, W. L. and Mills, G. H.-----	June 22, 1886
336,001	Fisher, F. E.-----	Feb. 9, 1886	344,233	Barnes, C. M.-----	June 22, 1886

177.—ELECTRIC SIGNALING.—7. BELLS.

328,982	Tirrell, J. P.-----	Oct. 27, 1885	334,380	Hilton, C. H.-----	Jan. 12, 1886
329,782	Steiner, J.-----	Nov. 3, 1885	335,999	Fisher, F. E.-----	Feb. 9, 1886
333,614	De Redon, C. F.-----	Jan. 5, 1886	343,863	Smith, W. C.-----	June 15, 1886

177. ELECTRIC SIGNALING.—11. CLOCKS.

322,110	Korfhage, C.-----	July 14, 1885	333,133	Kettell, J. F.-----	Dec. 29, 1885
324,824	Field, F. R.-----	Aug. 25, 1885	334,517	Dickinson, S. C.-----	Jan. 19, 1886
325,113	Rabe, H.-----	Aug. 25, 1885	334,745	Carey, J. E.-----	Jan. 26, 1886
327,526	Clarke, C. L.-----	Oct. 6, 1885	334,822	Sweet, W. F.-----	Jan. 26, 1886
327,527	Clarke, C. L.-----	Oct. 6, 1885	335,186	Gardner, W. F.-----	Feb. 2, 1886
327,897	Pond, C. H.-----	Oct. 6, 1885	335,860	Warner, C. D.-----	Feb. 9, 1886
327,898	Pond, C. H.-----	Oct. 6, 1885	336,004	Fisher, F. E.-----	Feb. 9, 1886
328,055	Oram, J. M.-----	Oct. 13, 1885	337,385	Eastman, S.-----	Mar. 9, 1886
328,769	Field, F. R.-----	Oct. 20, 1885	337,416	Millard, G. W. and Clarke, J. H.-----	Mar. 9, 1886
330,632	Spellier, L. H.-----	Nov. 17, 1885	337,417	Millard, G. W. and Clarke, J. H.-----	Mar. 9, 1886
330,923	Ramel, A. and Dean, W. W.-----	Nov. 24, 1885	337,418	Millard, G. W. and Clarke, J. H.-----	Mar. 9, 1886
330,938	Stevens, W. L. and Wescott, E. J.-----	Nov. 24, 1885	337,419	Millard, G. W. and Clarke, J. H.-----	Mar. 9, 1886
332,987	Bailey, H. L.-----	Dec. 22, 1885	337,583	Himmer, V.-----	Mar. 9, 1886
333,132	Kettell, J. F.-----	Dec. 29, 1885	337,797	Sweet, D. F.-----	Mar. 9, 1886

177. ELECTRIC SIGNALING.—11. CLOCKS.—Continued.

No.	NAME.	DATE.	No.	NAME.	DATE.
338,773	Pond, C. H.-----	Mar. 30, 1886	341,449	Carey, J. E.-----	May 11, 1886
339,264	Carey, J. E.-----	Apr. 6, 1886	341,450	Carey, J. E.-----	May 11, 1886
339,688	Pond, C. H.-----	Apr. 13, 1886	10,720	Haenichen, F. and O.----(Reis.)	May 11, 1886
340,483	Carey, J. E.-----	Apr. 20, 1886	342,086	Haenichen, F. and O.-----	May 18, 1886
341,110	Ross, J. S.-----	May 4, 1886	343,976	Lange, P.-----	June 15, 1886
341,111	Ross, J. S.-----	May 4, 1886			

177. ELECTRIC SIGNALING.—26. INDICATORS.

322,619	Leipner, W. A. and Brother- hood, C.-----	July 21, 1885	332,480	Boyle, J. C.-----	Dec. 15, 1885
322,818	Grovesteen, M. W.-----	July 21, 1885	332,496	Cornell, G.-----	Dec. 15, 1885
324,635	Bacon, M.-----	Aug. 18, 1885	332,905	Johnson, C. M.-----	Dec. 22, 1885
325,520	Farnham, I. H.-----	Sept. 1, 1885	332,913	Lebasteur, H. and Rouart, S. H.-----	Dec. 22, 1885
326,028	Forster, F. E.-----	Sept. 8, 1885	334,399	Walter, W. C.-----	Jan. 12, 1886
326,207	Favor, L. B. and Jacobs, C. A.-----	Sept. 15, 1885	334,960	Mason, W. B., Wescott, E. J. and Stevens, W. L.-----	Jan. 26, 1886
328,205	Flint, F. W.-----	Oct. 13, 1885	341,822	Waleher-Uysdal, R. R. v-----	May 11, 1886
328,592	Lord, W. H.-----	Oct. 20, 1885	343,169	Gleason, J. J.-----	June 8, 1886
329,830	Grovesteen, M. W.-----	Nov. 3, 1885	344,121	Mayers, W. S.-----	June 22, 1886
331,463	Tirrell, J. P.-----	Dec. 1, 1885			

177. ELECTRIC SIGNALING.—38. RAILWAY SIGNALS.

324,476	Mayrhofer, C. A.-----	Aug. 18, 1885	336,190	Whited, C. W.-----	Feb. 16, 1886
326,068	Timmis, I. A. and Currie, S. C. C.-----	Sept. 8, 1885	336,701	Cox, H. F.-----	Feb. 23, 1886
			336,702	Cox, H. F.-----	Feb. 23, 1886
327,536	Davis, W. E.-----	Oct. 6, 1885	337,229	Barry, C.-----	Mar. 2, 1886
327,576	Myers, F. I.-----	Oct. 6, 1885	338,323	Whited, C. W.-----	Mar. 23, 1886
327,962	Murray, W. A.-----	Oct. 6, 1885	338,927	Castro, A.-----	Mar. 30, 1886
329,478	Nicholson, H. C.-----	Nov. 3, 1885	341,291	Tisdale, C. D.-----	May 4, 1886
330,074	Vogel, W.-----	Nov. 10, 1885	341,553	Clark, H. F.-----	May 11, 1886
331,879	Henderson, J. W.-----	Dec. 8, 1885	341,666	Le Grande, W. W.-----	May 11, 1886
332,431	Pease, W. M.-----	Dec. 15, 1885	342,499	Crandell, W. C., jr-----	May 25, 1886
333,178	Vogel, W.-----	Dec. 29, 1885	344,099	Gedge, B. H.-----	June 22, 1886
333,665	Pevey, A.-----	Jan. 5, 1886	344,100	Gedge, B. H.-----	June 22, 1886
334,167	Gardner, W. F.-----	Jan. 12, 1886	344,755	Stitzel, F. and Weinedel, C.-----	June 29, 1886
334,194	Ries, E. E.-----	Jan. 12, 1886			

177. ELECTRIC SIGNALING.—39. RECORDERS.

323,134	Faymonville, B.-----	July 23, 1885	333,292	Pennell, L. W.-----	Mar. 23, 1886
323,885	Puffer, E. R.-----	Aug. 4, 1885	338,293	Pennell, L. W.-----	Mar. 23, 1886
325,011	Price, W. G.-----	Aug. 25, 1885	338,315	Tarbox, J. E. and Taylor, E. H.-----	Mar. 23, 1886
329,646	Hibbard, A. S.-----	Nov. 3, 1885	339,092	Frieske, A. C.-----	Mar. 30, 1886
329,874	Ahearn, T.-----	Nov. 10, 1885	339,381	Coffee, A. J.-----	Apr. 6, 1886
331,826	Scales, E. A.-----	Dec. 8, 1885	342,013	Holtzer, C. W.-----	May 18, 1886
336,989	Brownson, E. S.-----	Mar. 2, 1886	342,481	Tilden, J. A.-----	May 25, 1886
338,009	Yale, C. O., Holman, G. F. W. and Barnette, W. J.-----	Mar. 16, 1886			

177. ELECTRIC SIGNALING.—68. THERMOSTATS.

322,612	Kells, C. E., jr-----	July 21, 1885	333,443	Bulen, G. F.-----	Dec. 29, 1885
329,470	Martin, M.-----	Nov. 3, 1885	333,899	Tatham, H. B., jr-----	Jan. 5, 1886
329,693	Barry, J.-----	Nov. 3, 1885	338,090	Loomis, M.-----	Mar. 16, 1886
329,066	Facer, W. E.-----	Dec. 8, 1885	340,890	Miller, J. A.-----	Apr. 27, 1886
332,075	Humphreville, F.-----	Dec. 22, 1885	342,114	Martin, M.-----	May 18, 1886

178. TELEGRAPHY.—46. AUTOMATIC.

322,918	Farmer, M. G.-----	July 23, 1885	339,558	Kenny, P.-----	Apr. 6, 1886
329,723	Dickenson, W.-----	Nov. 3, 1885	343,043	Mallett, E. J.-----	June 1, 1886
330,344	Munson, J. E.-----	Nov. 10, 1885	343,044	Mallett, E. J.-----	June 1, 1886
336,284	Bonsall, E.-----	Feb. 16, 1886	344,772	Cuttriss, C.-----	June 29, 1886

178. TELEGRAPHY.—10. CIRCUIT CLOSERS.

No.	NAME.	DATE.	No.	NAME.	DATE.
322,494	Spellier, L. H. -----	July 21, 1885	332,420	Myers, M. J. -----	Dec. 15, 1885
323,129	Ellis, C. S. -----	July 28, 1885	332,845	Smith, E. W. -----	Dec. 22, 1885
325,124	Smith, A. T. -----	Aug. 25, 1885	336,003	Fisher, F. E. -----	Feb. 9, 1886
327,657	Clarke, C. L. -----	Oct. 6, 1885	337,796	Staus, H. F. -----	Mar. 9, 1886
329,245	Weaver, E. E. -----	Oct. 27, 1885	341,293	Vanstone, S. -----	May 4, 1886
331,986	McCullough, L. H. -----	Dec. 8, 1885			

178. TELEGRAPHY.—45. CIRCUITS AND SYSTEMS.

322,333	Van Rysselberghe, F. -----	July 14, 1885	329,412	Pope, F. L. -----	Oct. 27, 1885
322,688	Delany, P. B. -----	July 21, 1885	332,193	Duperow, M. -----	Dec. 8, 1885
323,239	Van Rysselberghe, F. -----	July 28, 1885	335,929	Hoyt, A. G. -----	Feb. 9, 1886
324,746	Brown, F. H. -----	Aug. 18, 1885	337,626	Sellner, L. -----	Mar. 9, 1886
326,880	Maver, W., jr. -----	Sept. 22, 1885			

178. TELEGRAPHY.—48. DUPLEX.

321,992	McCarthy, L. A. -----	July 14, 1885	333,289	Edison, T. A. -----	Dec. 29, 1885
324,799	Athearu, W. E. -----	Aug. 25, 1885	333,290	Edison, T. A. -----	Dec. 29, 1885
327,097	Muirhead, A. -----	Sept. 29, 1885	337,314	Eils, B. E. J. -----	Mar. 2, 1886
329,477	Muirhead, A. -----	Nov. 3, 1885	344,318	Jones, F. W. -----	June 22, 1886
329,956	Rosebrugh, A. M. and T. R. -----	Nov. 10, 1885			

178. TELEGRAPHY.—49. DYNAMO.

329,410	Pope, F. L. -----	Oct. 27, 1885	338,343	Field, S. D. -----	Mar. 23, 1886
329,411	Pope, F. L. -----	Oct. 27, 1885	343,953	Field, S. D. -----	June 15, 1886

178. TELEGRAPHY.—50. FIRE.

322,973	Rousseau, D. -----	July 28, 1885	335,025	Gaynor, T. F. -----	Jan. 26, 1886
323,435	Loomis, F. F. -----	Aug. 4, 1885	335,026	Gaynor, T. F. -----	Jan. 26, 1886
329,186	McCullough, L. H. -----	Oct. 27, 1885	335,027	Gaynor, T. F. -----	Jan. 26, 1886
329,187	McCullough, L. H. -----	Oct. 27, 1885	335,701	Holcomb, F. A. -----	Feb. 9, 1886
329,188	McCullough, L. H. -----	Oct. 27, 1885	335,852	Thau, H. -----	Feb. 9, 1886
329,189	McCullough, L. H. -----	Oct. 27, 1885	336,643	Holcombe, A. G. -----	Feb. 23, 1886
329,468	Martin, M. and Wilson, J. C. -----	Nov. 3, 1885	337,198	Rebbeck, H. H. -----	Mar. 2, 1886
329,871	Wood, F. B. -----	Nov. 3, 1885	337,356	Davis, D., jr. and Gale, G. F. -----	Mar. 2, 1886
331,356	Wilson, J. C. -----	Dec. 1, 1885	339,960	Wilson, J. C. -----	Apr. 13, 1886
331,718	Kettell, J. F. -----	Dec. 1, 1885	340,203	Firman, L. B. -----	Apr. 20, 1886
333,131	Keenau, W. J. and Wilson, E. M. -----	Dec. 29, 1885	340,618	Rogers, C. D. -----	Apr. 27, 1886
333,975	Stern, W. A. -----	Jan. 5, 1886	341,114	Wilson, J. C. -----	May 4, 1886
334,785	La Bau, J. H. -----	Jan. 26, 1886	341,115	Wilson, J. C. -----	May 4, 1886
334,969	Milliken, G. F. -----	Jan. 26, 1886	343,738	Smith, J. E. -----	June 15, 1886
			344,467	Wilson, J. C. -----	June 29, 1886

178. TELEGRAPHY.—101. FIRE, ALARMS AND EXTINGUISHERS.

332,638	Chase, S. A. -----	Dec. 15, 1885	339,485	Shaffer, W. C. -----	Apr. 6, 1886
335,372	Marcus, M. D. and Epsteyn, N. H. -----	Feb. 2, 1886	340,210	Harkness, W. -----	Apr. 20, 1886
338,593	Gordon, A. C. -----	Mar. 23, 1886	340,724	Morison, G. A. -----	Apr. 27, 1886
339,043	Coffee, A. J. -----	Mar. 30, 1886	343,687	Baulieu, W. J. -----	June 15, 1886
			343,691	Baulieu, W. J. -----	June 15, 1886

178. TELEGRAPHY.—29. KEYS.

322,023	Thompson, H. P. -----	July 14, 1885	339,909	Maloney, J. A. -----	Apr. 13, 1886
329,398	Leggo, W. A. -----	Oct. 27, 1885	340,134	Macready, R. A. -----	Apr. 20, 1886
329,399	Leggo, W. A. -----	Oct. 27, 1885	342,157	Willis, V. -----	May 18, 1886
330,037	McCambridge, P. C. F. -----	Nov. 10, 1885	343,469	Maloney, J. A. -----	June 8, 1886
331,148	McArthur, J. W. -----	Nov. 24, 1885	343,742	Thompson, G. F. -----	June 15, 1886
335,605	McNeal, A. C. -----	Feb. 9, 1886	344,430	Wilson, J. C. -----	June 29, 1886
336,653	Maloney, J. A. and Johnson, A. G. -----	Feb. 23, 1886			

178. TELEGRAPHY.—30. LIGHTNING-ARRESTERS.

No.	NAME.	DATE.	No.	NAME.	DATE.
321,464	Thomson, E.-----	July 7, 1885	330,054	Scribner, C. E.-----	Nov. 10, 1885
323,822	Mingle, G. W.-----	Aug. 4, 1885	330,486	Holt, A. J.-----	Nov. 17, 1885
329,152	Elden, C. F.-----	Oct. 27, 1885	339,417	Horen, J.-----	Apr. 6, 1886

178. TELEGRAPHY.—35. MORSE REGISTERS.

338,328	Wiuterhalder, L.-----	Mar. 23, 1886	338,329	Wood, F. B.-----	Mar. 23, 1886
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178. TELEGRAPHY.—51. MULTIPLEX.

322,427	Delany, P. B.-----	July 21, 1885	322,696	Delany, P. B.-----	July 21, 1885
322,690	Delany, P. B.-----	July 21, 1885	322,808	Delany, P. B.-----	July 21, 1885
322,691	Delany, P. B.-----	July 21, 1885	322,809	Delany, P. B.-----	July 21, 1885
322,692	Delany, P. B.-----	July 21, 1885	324,152	Parcelle, A. L.-----	Aug. 11, 1885
322,694	Delany, P. B.-----	July 21, 1885	324,153	Parcelle, A. L.-----	Aug. 11, 1885
322,695	Delany, P. B.-----	July 21, 1885			

178. TELEGRAPHY.—52. PERFORATING.

328,600	Munson, J. E.-----	Oct. 20, 1885	332,419	Munson, J. E.-----	Dec. 15, 1885
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178. TELEGRAPHY.—54. PRINTING.

321,858	Scott, G. B.-----	July 7, 1885	333,298	Healy, C. L.-----	Dec. 29, 1885
322,689	Delany, P. B.-----	July 21, 1885	334,294	Sheehy, R. J.-----	Jan. 12, 1886
322,693	Delany, P. B. and Calahan, E. A.-----	July 21, 1885	335,171	Anderson, G. K.-----	Feb. 2, 1886
			335,275	Dyer, R. N.-----	Feb. 2, 1886
325,702	Sheehy, R. J.-----	Sept. 8, 1885	335,482	Robbins, A. C.-----	Feb. 2, 1886
326,084	Healy, C. L.-----	Sept. 8, 1885	335,681	Cardwell, G. A.-----	Feb. 9, 1886
326,989	Jordan, C. M.-----	Sept. 29, 1885	335,682	Cardwell, G. A. and Fitch, F. K.-----	Feb. 9, 1886
327,911	Wirsching, A.-----	Oct. 6, 1885			
328,491	Judson, C. N.-----	Oct. 20, 1885	338,344	Field, S. D.-----	Mar. 23, 1886
328,500	McCausland, W. J.-----	Oct. 20, 1885	339,129	Baldrige, G. W.-----	Apr. 6, 1886
329,515	Van Nortwick, S. B.-----	Nov. 3, 1885	339,312	McCausland, W. J.-----	Apr. 6, 1886
330,238	Healy, C. L.-----	Nov. 10, 1885	341,654	Healy, C. L.-----	May 11, 1886
330,239	Healy, C. L.-----	Nov. 10, 1885	341,655	Healy, C. L.-----	May 11, 1886
331,275	Beyerlen, A.-----	Dec. 1, 1885	341,656	Healy, C. L.-----	May 11, 1886
332,649	Dyer, R. N.-----	Dec. 15, 1885	343,042	Mallett, E. J.-----	June 1, 1886

178. TELEGRAPHY.—55. QUADRUPLIX.

322,739	McPherson, L. O.-----	July 21, 1885	332,550	Nicholson, H. C.-----	Dec. 15, 1885
326,637	Gardanier, G. W.-----	Sept. 22, 1885	332,551	Nicholson, H. C.-----	Dec. 15, 1885
326,892	Van Rysselberghe, F.-----	Sept. 22, 1885	333,291	Edison, T. A.-----	Dec. 29, 1885
329,749	Larish, J. W.-----	Nov. 3, 1885	338,996	Maver, W., jr.-----	Mar. 30, 1886
331,975	Keeley, D. H. and Garvey, A. A. E.-----	Dec. 8, 1885	340,130	Larish, J. W.-----	Apr. 20, 1886
			340,136	Maver, W., jr.-----	Apr. 20, 1886
332,549	Nicholson, H. C.-----	Dec. 15, 1885	340,137	Maver, W., jr.-----	Apr. 20, 1886

178. TELEGRAPHY.—56. RAILWAY-CAR.

322,474	Parrish, M. W. and M. F.-----	July 21, 1885	334,187	Phelps, L. J.-----	Jan. 12, 1886
324,381	Ives, E. B. and Williams, C. W.-----	Aug. 18, 1885	334,188	Phelps, L. J.-----	Jan. 12, 1886
329,076	Phelps, L. J.-----	Oct. 27, 1885	334,189	Phelps, L. J.-----	Jan. 12, 1886
329,077	Phelps, L. J.-----	Oct. 27, 1885	338,439	Ray, W. F.-----	Mar. 23, 1886
331,042	DeMier, J. R.-----	Nov. 24, 1885	340,425	Cox, H. B.-----	Apr. 20, 1886
332,336	Fee, J. D.-----	Dec. 15, 1885	340,698	Carlile, G. F.-----	Apr. 27, 1886
334,186	Phelps, L. J.-----	Jan. 12, 1886	343,095	Williams, C. W.-----	June 1, 1886

178. TELEGRAPHY.—63. REED.

329,386	Gray, E.-----				Oct. 27, 1885
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178. TELEGRAPHY.—41. RELAYS AND SOUNDERS.

No.	NAME.	DATE.	No.	NAME.	DATE.
323,663	Gilliland, J. F. -----	Aug. 4, 1885	337,272	Ludwig, J. C. -----	Mar. 2, 1886
330,271	Stewart, G. W. -----	Nov. 10, 1885	342,576	Chase, S. A. -----	May 25, 1886
330,635	Stewart, G. W. -----	Nov. 17, 1885	343,468	Maloney, J. A. -----	June 8, 1886
334,185	Phelps, L. J. -----	Jan. 12, 1886	344,505	Stewart, G. W. -----	June 29, 1886
334,871	Keating, A. S. -----	Jan. 26, 1886			

178. TELEGRAPHY.—42. REPEATERS.

331,250	Miner, W. M. -----	Nov. 24, 1885	339,449	Maver, W., jr -----	Apr. 6, 1886
337,590	Kölzer, J. -----	Mar. 9, 1886			

178. TELEGRAPHY.—69. TRANSMITTERS.

338,691	Baldrige, G. W. -----	Mar. 30, 1886	344,351	Crandall, L. S. -----	June 29, 1886
338,757	Lasar, G. H. -----	Mar. 30, 1886			

179. TELEPHONY.—82. ANTI-INDUCTION DEVICES.

322,724	Jackson, W. A. and Chambers, J. C. -----	July 21, 1885	322,727	Jackson, W. A. and Chambers, J. C. -----	July 21, 1885
322,725	Jackson, W. A. and Chambers, J. C. -----	July 21, 1885	322,728	Jackson, W. A. and Chambers, J. C. -----	July 21, 1885
322,726	Jackson, W. A. and Chambers, J. C. -----	July 21, 1885	343,014	Dann, J. E. and Lapp, J. -----	June 1, 1886

179. TELEPHONY.—81. CONDUCTORS, ANTI-INDUCTIVE.

322,385	Kruesi, J. -----	July 14, 1885	327,486	Spalding, H. C. -----	Sept. 29, 1885
325,630	Rae, F. B. -----	Sept. 1, 1885	327,487	Spalding, H. C. -----	Sept. 29, 1885
327,459	Spalding, H. C. -----	Sept. 29, 1885	327,488	Spalding, H. C. -----	Sept. 29, 1885
327,461	Spalding, H. C. -----	Sept. 29, 1885	327,489	Spalding, H. C. -----	Sept. 29, 1885
327,464	Spalding, H. C. -----	Sept. 29, 1885	327,490	Spalding, H. C. -----	Sept. 29, 1885
327,466	Spalding, H. C. -----	Sept. 29, 1885	327,492	Spalding, H. C. -----	Sept. 29, 1885
327,472	Spalding, H. C. -----	Sept. 29, 1885	327,494	Spalding, H. C. -----	Sept. 29, 1885
327,473	Spalding, H. C. -----	Sept. 29, 1885	327,495	Spalding, H. C. -----	Sept. 29, 1885
327,476	Spalding, H. C. -----	Sept. 29, 1885	327,496	Spalding, H. C. -----	Sept. 29, 1885
327,482	Spalding, H. C. -----	Sept. 29, 1885	327,497	Spalding, H. C. -----	Sept. 29, 1885
327,484	Spalding, H. C. -----	Sept. 29, 1885	340,931	Brooks, D., jr -----	Apr. 27, 1886
327,485	Spalding, H. C. -----	Sept. 29, 1885	343,676	Shelbourne, S. F. -----	June 15, 1886

179. TELEPHONY.—57. TELEPHONES—CALLS.

326,158	Sargent, F. G. -----	Sept. 15, 1885	336,562	Gilliland, E. T. -----	Feb. 23, 1886
328,148	Smith, C. A. -----	Oct. 13, 1885	336,972	Wilson, J. C. -----	Mar. 2, 1886
328,578	Farnham, I. H. -----	Oct. 20, 1885	339,718	Warner, E. P. -----	Apr. 13, 1886
332,567	Stephen, J. -----	Dec. 15, 1885	340,708	Edison, T. A. -----	Apr. 27, 1886
334,390	Kinsman, J. H. -----	Jan. 12, 1886	340,912	Glass, G. H. and Clark, W. -----	Apr. 27, 1886
336,002	Fisher, F. E. -----	Feb. 9, 1886	342,340	Dudley, W. J. -----	May 25, 1886
336,095	Davis, A. W. S. -----	Feb. 16, 1886			

179. TELEPHONY.—58. TELEPHONES—DETAILS.

322,295	Jones, W. and Reynolds, W. W. -----	July 14, 1885	337,753	Dowling, N. -----	Mar. 9, 1886
327,393	Harrison, C. A. -----	Sept. 29, 1885	337,972	Miller, J. -----	Mar. 16, 1886
329,732	Godfrey, J. -----	Nov. 3, 1885	339,766	Hastings, H. N. -----	Apr. 13, 1886
329,909	Johnson, F. G. -----	Nov. 10, 1885	341,519	Stuart, C. J. -----	May 11, 1886
336,329	Lavery, G. L. -----	Feb. 16, 1886	342,477	Tanner, N. A. -----	May 25, 1886

179. TELEPHONY.—59. TELEPHONES—ELECTRIC.

324,726	Perrin, T. J. -----	Aug. 18, 1885	324,729	Perrin, T. J. -----	Aug. 18, 1885
324,727	Perrin, T. J. -----	Aug. 18, 1885	325,660	Dolbear, A. E. -----	Sept. 8, 1885
324,728	Perrin, T. J. -----	Aug. 18, 1885	326,269	Burnley, W. -----	Sept. 15, 1885

179. TELEPHONY.—59. TELEPHONES—ELECTRIC.—Continued.

No.	NAME.	DATE.	No.	NAME.	DATE.
327,625	Waite, H. E.-----	Oct. 6, 1885	336,268	Thornberry, H. S.-----	Feb. 16, 1886
327,837	Thompson, S. P.-----	Oct. 6, 1885	336,744	Randall, C. A.-----	Feb. 23, 1886
328,708	McLaughlin, J. F.-----	Oct. 20, 1885	336,876	Turnbull, W. C.-----	Feb. 23, 1886
329,001	Beedy, S. E.-----	Oct. 27, 1885	336,877	Turnbull, W. C.-----	Feb. 23, 1886
329,030	Edison, T. A.-----	Oct. 27, 1885	337,231	Bergmann, S.-----	Mar. 2, 1886
329,327	Marston, Du P. F.-----	Oct. 27, 1885	337,254	Edison, T. A. and Bergmann, S.-----	Mar. 2, 1886
329,983	West, W. A.-----	Nov. 10, 1885	338,263	Guthrie, J. T.-----	Mar. 23, 1886
329,984	West, W. A.-----	Nov. 10, 1885	338,491	Dann, J. E. and Lapp, J.-----	Mar. 23, 1886
330,879	Emmner, J., jr.-----	Nov. 24, 1885	338,492	Dann, J. E. and Lapp, J.-----	Mar. 23, 1886
331,052	Gillett, W.-----	Nov. 24, 1885	338,660	Dann, J. E. and Lapp, J.-----	Mar. 23, 1886
331,309	Lockwood, W. C.-----	Dec. 1, 1885	339,121	Turnbull, W. C.-----	Mar. 30, 1886
333,816	Bonta, J. W.-----	Jan. 5, 1886	339,499	Thompson, S. P. and Jolin P.-----	Apr. 6, 1886
335,294	McLaughlin, J. F.-----	Feb. 2, 1886	339,501	Thompson, S. P.-----	Apr. 6, 1886
335,364	Keller, A. K. and Lyou, E. H.-----	Feb. 2, 1886	339,745	Drawbaugh, D.-----	Apr. 13, 1886
335,501	Burnley, W.-----	Feb. 2, 1886	340,853	Berliner, E.-----	Apr. 27, 1886
335,502	Burnley, W.-----	Feb. 2, 1886	341,214	Bell, C. A. and Tainter, S.-----	May 4, 1886
335,510	Dowling, N.-----	Feb. 2, 1886	341,259	Marshall, W.-----	May 4, 1886
335,511	Dowling, N.-----	Feb. 2, 1886	341,263	McLaughlin, J. F.-----	May 4, 1886
335,522	Houlehan, J.-----	Feb. 2, 1886	341,264	McLaughlin, J. F.-----	May 4, 1886
335,791	Alabaster, H. and Gatehouse, T. E.-----	Feb. 9, 1886	341,287	Tainter, S.-----	May 4, 1886
335,806	Freeman, W. P.-----	Feb. 9, 1886	341,579	Johnson, E. H.-----	May 11, 1886
336,081	Bell, C. A.-----	Feb. 16, 1886	342,775	Beale, A.-----	June 1, 1886
336,082	Bell, C. A.-----	Feb. 16, 1886	344,153	Barrier, J. J. and De Laver- néde, F. T.-----	June 22, 1886
336,203	Bell, C. A.-----	Feb. 16, 1886	344,514	Berliner, E.-----	June 29, 1886

179. TELEPHONY.—60. TELEPHONES—MAGNETIC.

322,884	Fuller, J. E.-----	July 21, 1885	337,232	Bergmann, S.-----	Mar. 2, 1886
323,311	Fortier, C. L.-----	July 28, 1885	339,500	Thompson, S. P.-----	Apr. 6, 1886
326,268	Burnley, W.-----	Sept. 15, 1885	341,000	Guthrie, J. T.-----	May 4, 1886
326,675	Rogers, J. H. and J. W.-----	Sept. 22, 1885	341,370	Brown, F. H.-----	May 4, 1886
329,083	Robertson, J. H.-----	Oct. 27, 1885	343,334	McLaughlin, J. F.-----	June 8, 1886
329,084	Robertson, J. H.-----	Oct. 27, 1885	343,449	Gilliland, E. T.-----	June 8, 1886
329,085	Robertson, J. H.-----	Oct. 27, 1885	344,067	Turnbull, W. C.-----	June 22, 1886
329,982	West, W. A.-----	Nov. 10, 1885	344,333	Turnbull, W. C.-----	June 22, 1886
333,932	Dowling, N.-----	Jan. 5, 1886			

179. TELEPHONY.—61. TELEPHONES—MECHANICAL.

321,960	Freeto, J. H.-----	July 14, 1885	335,321	Taylor, W.-----	Feb. 2, 1886
322,294	Iske, A.-----	July 14, 1885	336,640	Hall, A. W.-----	Feb. 23, 1886
324,356	Black, W. T.-----	Aug. 18, 1885	336,731	Middleton, R. O.-----	Feb. 23, 1886
325,500	Cleaver, J. B.-----	Sept. 1, 1885	338,620	Steiger, A. W.-----	Mar. 23, 1886
326,458	Seligman, H.-----	Sept. 15, 1885	338,983	Lamont, H.-----	Mar. 30, 1886
327,940	Gilliland, J. F.-----	Oct. 6, 1885	338,994	Maloney, J. A.-----	Mar. 30, 1886
328,258	Shaw, F. R.-----	Oct. 13, 1885	338,995	Maloney, J. A.-----	Mar. 30, 1886
333,044	Williamson, M. B.-----	Dec. 22, 1885	342,395	Shaver, G. F.-----	May 25, 1886
333,285	Davis, A. W. S.-----	Dec. 29, 1885	342,468	Seligman, H.-----	May 25, 1886
334,069	Bentley, C. D.-----	Jan. 12, 1886			

179. TELEPHONY.—62. TELEPHONES—RADIOPHONES.

341,213	Bell, A. G. and C. A., and Tainter, S.-----	May 4, 1886
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179. TELEPHONY.—77. TELEPHONES—RELAYS AND REPEATERS.

325,920	Farmer, M. G.-----	Sept. 8, 1885	342,881	Shelbourne, S. F.-----	June 1, 1886
340,707	Edison, T. A.-----	Apr. 27, 1886			

179. TELEPHONY.—100. TELEPHONES—SUPPORTS.

327,692	Johnson, F. G.-----	Oct. 6, 1885
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179. TELEPHONY.—85. TELEPHONES—SWITCH-BOARDS.

No.	NAME.	DATE.	No.	NAME.	DATE.
323,182	Mather, A. C -----	July 28, 1885	331,955	Ford, W. S -----	Dec. 8, 1885
330,644	Vail, T. N -----	Nov. 17, 1885	339,626	Doolittle, T. B -----	Apr. 13, 1886

179. TELEPHONY.—71. TELEPHONES—SWITCHES.

322,122	Perrin, T. J -----	July 14, 1885	330,064	Scribner, C. E -----	Nov. 10, 1885
324,358	Cabot, J. A -----	Aug. 18, 1885	338,889	Turnbull, W. C -----	Mar. 30, 1886
324,678	Gilliland, E. T -----	Aug. 18, 1885	338,938	De St. Aubin, C. A. A. T -----	Mar. 30, 1886
326,610	Whitlock, C. and Knapp, A. C -----	Sept. 22, 1885	340,028	Blattau, J. A. and Boyden, G. A. -----	Apr. 13, 1886
328,702	McLaughlin, J. F -----	Oct. 20, 1885	340,709	Edison, T. A. and Gilliland, E. T. -----	Apr. 27, 1886

179.—TELEPHONY.—64. TELEPHONES—SYSTEMS.

321,553	Warner, J. C -----	July 7, 1885	330,063	Scribner, C. E -----	Nov. 10, 1885
322,835	Low, A. H -----	July 21, 1885	330,065	Scribner, C. E -----	Nov. 10, 1885
323,269	Brooks, M. and Mason, H. R -----	July 28, 1885	330,066	Scribner, C. E -----	Nov. 10, 1885
324,248	Goodwin, H. K -----	Aug. 11, 1885	330,067	Seely, J. A -----	Nov. 10, 1885
324,591	Price, C. W. and Barrett, A -----	Aug. 18, 1885	330,368	Barbier, R. P -----	Nov. 17, 1885
325,659	Dolbear, A. E -----	Sept. 8, 1885	330,763	Wood, J. B -----	Nov. 17, 1885
325,952	Mead, C. K -----	Sept. 8, 1885	331,186	Davis, J. P -----	Nov. 24, 1885
327,073	Edmunds, H. and Howard, C. T -----	Sept. 29, 1885	332,012	Seely, J. A -----	Dec. 8, 1885
328,243	Moore, G. W. and Culbertson, J. N. -----	Oct. 13, 1885	333,014	Houlehan, J -----	Dec. 22, 1885
328,305	Firman, L. B -----	Oct. 13, 1885	333,167	Scribner, C. E -----	Dec. 29, 1885
328,618	Sonne, C. C -----	Oct. 20, 1885	335,436	Doolittle, T. B -----	Feb. 2, 1886
330,056	Scribner, C. E -----	Nov. 10, 1885	335,588	Jackson, C. A -----	Feb. 9, 1886
330,057	Scribner, C. E -----	Nov. 10, 1885	336,083	Bell, C. A -----	Feb. 16, 1886
330,058	Scribner, C. E -----	Nov. 10, 1885	336,173	Tainter, S -----	Feb. 16, 1886
330,059	Scribner, C. E -----	Nov. 10, 1885	336,563	Gilliland, E. T -----	Feb. 23, 1886
330,060	Scribner, C. E -----	Nov. 10, 1885	339,625	Doolittle, T. B -----	Apr. 13, 1886
330,061	Scribner, C. E -----	Nov. 10, 1885	339,627	Doolittle, T. B -----	Apr. 13, 1886
330,062	Scribner, C. E -----	Nov. 10, 1885	340,911	Glass, G. H. and Clark, W -----	Apr. 27, 1886

179. TELEPHONY.—99. TELEPHONES—SYSTEMS—AUTOMATIC.

324,191	Vail, T. N -----	Aug. 11, 1885	334,014	Gilliland, E. T -----	Jan. 12, 1886
324,192	Vail, T. N -----	Aug. 11, 1885	335,708	Lockwood, T. D -----	Feb. 9, 1886

APPENDIX No. V.

PART II.

CONSISTING OF A

NUMERICAL AND CHRONOLOGICAL INDEX OF ALL PATENTS

RELATING TO

ELECTRICITY

Issued from July 1, 1885, to June 30, 1886, inclusive, giving names of Inventors, numbers and dates of Patents, and the sub-class to which each belongs.

NUMERICAL INDEX

OF

PATENTS RELATING TO ELECTRICITY

FROM JULY 1, 1885, TO JUNE 30, 1886.

No.	NAME.	CLASS.	DATE.
321,426	Ells, J. W	Valve-controllers	July 7, 1885
321,446	Orne, C. P	Batteries, galvanic	July 7, 1885
321,461	Thomson, E	Systems of distribution	July 7, 1885
321,463	Thomson, E	Lights, systems and appliances	July 7, 1885
321,464	Thomson, E	Lightning-arresters	July 7, 1885
321,493	Haid, A	Lights, systems and appliances	July 7, 1885
321,553	Warner, J. C	Telephones, systems	July 7, 1885
321,599	Hathaway, T. H	Applications, general	July 7, 1885
321,609	Jones, E	Magneto-electric	July 7, 1885
321,646	Schoonmaker, E. T	Insulators	July 7, 1885
321,748	Paine, W. J. and S. B	Lights, systems and appliances	July 7, 1885
321,749	Paine, W. J. and S. B	do	July 7, 1885
321,759	Sellon, J. S	Batteries, secondary	July 7, 1885
321,788	Bossard, A	Lights, systems and appliances	July 7, 1885
321,843	Paine, W. J	do	July 7, 1885
321,844	Paine, W. J	do	July 7, 1885
321,845	Paine, W. J	do	July 7, 1885
321,846	Paine, W. J	do	July 7, 1885
321,858	Seott, G. B	Telegraphy, printing	July 7, 1885
321,865	Teggart, J	Conductors, underground	July 7, 1885
321,917	Starr, E. T	Batteries, galvanic	July 7, 1885
321,933	Pieper, H	Lights, incandescent	July 7, 1885
321,934	Siemens, E. W	Locomotion	July 7, 1885
321,956	Ellis, J. W	Conductors, underground	July 14, 1885
321,960	Freeto, J. H	Telephones, mechanical	July 14, 1885
321,990	Mather, R. H	Magneto-electric	July 14, 1885
321,991	Mather, R. H	do	July 14, 1885
321,992	McCarthy, L. A	Telegraphy, duplex	July 14, 1885
322,018	Smith, W. D'B. and Milliken, F. J	Conductors, underground	July 14, 1885
322,023	Thompson, H. P	Keys	July 14, 1885
322,024	Van Gestel, J. and Beck, C. F	Lights, incandescent	July 14, 1885
322,030	Williams, J. R	Applications, general	July 14, 1885
322,032	Beek, C. F	Lights, arc	July 14, 1885
322,110	Korfhage, C	Clocks	July 14, 1885
322,115	Lever, C	Lights, arc	July 14, 1885
322,122	Perrin, T. J	Telephones, switches	July 14, 1885
322,138	Thomson, E	Systems of distribution	July 14, 1885
322,139	Thomson, E	do	July 14, 1885
322,169	Farmer, M. G	Electrolysis	July 14, 1885
322,170	Farmer, M. G	do	July 14, 1885
322,214	Vail, T. N	Cut-outs, thermal	July 14, 1885
322,230	Whitney, E. R	Magneto-electric	July 14, 1885
322,232	Williams, H. N	Igniting devices, portable	July 14, 1885
322,294	Iske, A	Telephones, mechanical	July 14, 1885
322,295	Jones, W. and Reynolds, W. W	Telephones, details	July 14, 1885
322,296	Knabe, E., jr	Motors	July 14, 1885
322,310	Russet, C. F	Magneto-electric	July 14, 1885
322,317	Peirce, W. E	Magnetic locks and bolts	July 14, 1885
322,333	Van Rysselberghe, F	Telegraphy, circuits and systems	July 14, 1885
322,335	Wetmore, J. A	Applications, tools and machines	July 14, 1885
322,375	Heysinger, I. W	Lights, systems and appliances	July 14, 1885
322,384	Kornbau, D	Locomotion	July 14, 1885
322,385	Kruesi, J	Conductors, anti-inductive	July 14, 1885
322,427	Delany, P. B	Telegraphy, multiplex	July 21, 1885
322,474	Parrish, M. W. and M. F	Telegraphy, railway-car	July 21, 1885
322,493	Sorgue, P	Conductors	July 21, 1885
322,494	Spellier, L. H	Circuit-closers	July 21, 1885
322,496	Stanley, W., jr	Lights, incandescent	July 21, 1885
322,498	Stern, P. K	do	July 21, 1885

No.	NAME.	CLASS.	DATE.
322,515	Young, J	Lights, systems and appliances	July 21, 1885
322,517	Bentley, E. M	Locomotion	July 21, 1885
322,529	Dorsett, D. H	Conductors, underground	July 21, 1885
322,612	Kells, C. E., jr.	Thermostats	July 21, 1885
322,619	Leipner, W. A. and Brotherhood, C	Indicators	July 21, 1885
322,681	Casey, T. A	Magnetic locks and bolts	July 21, 1885
322,688	Delany, P. B	Telegraphy, circuits and systems	July 21, 1885
322,689	Delany, P. B	Telegraphy, printing	July 21, 1885
322,690	Delany, P. B	Telegraphy, multiplex	July 21, 1885
322,691	Delany, P. B	do	July 21, 1885
322,692	Delany, P. B	do	July 21, 1885
322,693	Delany, P. B. and Calahan, E. A	Telegraphy, printing	July 21, 1885
322,694	Delany, P. B	Telegraphy, multiplex	July 21, 1885
322,695	Delany, P. B	do	July 21, 1885
322,696	Delany, P. B	do	July 21, 1885
322,724	Jackson, W. A. and Chambers, J. C	Anti-induction devices	July 21, 1885
322,725	Jackson, W. A. and Chambers, J. C	do	July 21, 1885
322,726	Jackson, W. A. and Chambers, J. C	do	July 21, 1885
322,727	Jackson, W. A. and Chambers, J. C	do	July 21, 1885
322,728	Jackson, W. A. and Chambers, J. C	do	July 21, 1885
322,739	McPherson, L. O	Telegraphy, quadruplex	July 21, 1885
322,744	Moses, O. A	Lights, sockets and keys	July 21, 1885
322,745	Nicolaus, E. B	Cut-outs, mechanical	July 21, 1885
322,808	Delany, P. B	Telegraphy, multiplex	July 21, 1885
322,809	Delany, P. B	do	July 21, 1885
322,818	Grovesteen, M. W	Indicators	July 21, 1885
322,835	Low, A. H	Telephones, systems	July 21, 1885
322,857	Schaefer, F	Lights, sockets and keys	July 21, 1885
322,859	Siemens, E. W	Locomotion	July 21, 1885
322,884	Fuller, J. E	Telephones, magnetic	July 21, 1885
322,895	Burton, G. D	Lights, arc	July 28, 1885
322,900	Castro, A	Steering and propulsion	July 28, 1885
322,915	Daft, L	Rheostats	July 28, 1885
322,916	Daft, L	Transmission of power	July 28, 1885
322,918	Farmer, M. G	Telegraphy, automatic	July 28, 1885
322,973	Rousseau, D	Telegraphy, fire	July 28, 1885
322,993	Swan, J. W	Lights, filaments and carbons	July 28, 1885
323,055	McGrory, T	Insulators	July 28, 1885
323,059	Moffatt, R. R	Regulators	July 28, 1885
323,105	Bradley, S	Lightning-rods	July 28, 1885
323,108	Bollmann, L	Magneto-electric	July 28, 1885
323,129	Ellis, C. S	Circuit-closers	July 28, 1885
323,134	Faymonville, B.	Recorders	July 28, 1885
323,138	Gassett, O	Locomotion	July 28, 1885
323,150	Holzer, W	Lights, systems and appliances	July 28, 1885
323,182	Mather, A. C	Telephones, switch-boards	July 28, 1885
323,199	Pendleton, J. M	Locomotion	July 28, 1885
323,203	Pratt, R. J	Galvanometers	July 28, 1885
323,205	Reinmann, A. L	Lights, incandescent	July 28, 1885
323,239	Van Rysselberghe, F	Telegraphy, circuits and systems	July 28, 1885
323,241	Walter, W	Conductors, underground	July 28, 1885
323,243	Warren, A. G	Connectors	July 28, 1885
323,269	Brooks, M. and Mason, H. R	Telephones, systems	July 28, 1885
323,311	Fortier, C. L	Telephones, magnetic	July 28, 1885
323,319	Grubbe, H. H	Lights, filaments and carbons	July 28, 1885
323,361	Orton, B. F	Magneto-electric	July 28, 1885
323,362	Orton, B. F	do	July 28, 1885
323,363	Orton, B. F	do	July 28, 1885
323,372	Stanley, W., Jr., and Thompson, E. P	Lights, filaments and carbons	July 28, 1885
323,435	Loomis, F. F	Telegraphy, fire	Aug. 4, 1885
323,459	Sprague, F. J	Locomotion	Aug. 4, 1885
323,460	Sprague, F. J	Motors	Aug. 4, 1885
323,470	Van Depoele, C. J	Regulators	Aug. 4, 1885
323,500	Coullass, C	Lights, filaments and carbons	Aug. 4, 1885
323,504	Fletcher, J. R	Lights, systems and appliances	Aug. 4, 1885
323,514	Majert, W	Electrolysis	Aug. 4, 1885
323,516	Mather, R. H	Lights, arc	Aug. 4, 1885
323,600	Ryman, W. P	Alarms	Aug. 4, 1885
323,625	Barnes, R. F	Lights, systems and appliances	Aug. 4, 1885
323,650	Farmer, M. G	Regulators	Aug. 4, 1885
323,651	Farmer, M. G	Heaters	Aug. 4, 1885
323,652	Farmer, M. G	Motors	Aug. 4, 1885
323,653	Farmer, M. G	do	Aug. 4, 1885
323,663	Gilliland, J. F	Relays and sounders	Aug. 4, 1885
323,675	Henderson, J. C	Locomotion	Aug. 4, 1885
323,822	Mingle, G. W	Lightning-arresters	Aug. 4, 1885
323,885	Puffer, E. R	Recorders	Aug. 4, 1885

No.	NAME.	CLASS.	DATE.
323,890	Starr, E. T. and E. E.	Batteries, secondary	Aug. 4, 1885
323,902	Brewer, H. J.	Batteries, galvanic	Aug. 11, 1885
323,903	Brewer, H. J.	do	Aug. 11, 1885
323,904	Brewer, H. J.	do	Aug. 11, 1885
323,905	Brewer, H. J.	do	Aug. 11, 1885
323,918	Crockett, C. H. and Allen, C. C.	Magnetic locks and bolts	Aug. 11, 1885
323,920	Denison, R. A.	Conductors	Aug. 11, 1885
323,921	Dey, C. E.	Annunciators	Aug. 11, 1885
323,964	Rogers, W. B.	Conductors, underground	Aug. 11, 1885
323,974	Thompson, R. H. S.	Applications, general	Aug. 11, 1885
323,975	Thomson, E.	Magneto-electric	Aug. 11, 1885
323,976	Thomson, E.	Regulators	Aug. 11, 1885
323,981	Van Depoele, C. J.	Lights, systems and appliances	Aug. 11, 1885
323,982	Van Depoele, C. J.	Motors	Aug. 11, 1885
323,983	Van Depoele, C. J.	Lights, incandescent	Aug. 11, 1885
323,984	Van Depoele, C. J.	Locomotion	Aug. 11, 1885
324,008	Clark, J. E. L. and W. J. K. and Bowman, R. D.	Lights, arc	Aug. 11, 1885
324,009	Clarke, C. L.	Igniting devices, portable	Aug. 11, 1885
324,010	Clarke, C. L.	Friction generators	Aug. 11, 1885
324,019	Garrett, H.	Alarms, burglar	Aug. 11, 1885
324,038	Moses, O. A.	Lights, incandescent	Aug. 11, 1885
324,058	White, L. S.	Igniting devices	Aug. 11, 1885
324,075	Bradley, J. J.	Magneto-electric	Aug. 11, 1885
324,152	Parcelle, A. L.	Telegraphy, multiplex	Aug. 11, 1885
324,153	Parcelle, A. L.	do	Aug. 11, 1885
324,171	Sawyer, W. H.	Connectors	Aug. 11, 1885
324,176	Siemens, E. W.	Locomotion	Aug. 11, 1885
324,191	Vail, T. N.	Telephones, systems, automatic	Aug. 11, 1885
324,192	Vail, T. N.	do	Aug. 11, 1885
324,193	Van Depoele, C. J.	Lights, filaments and carbons	Aug. 11, 1885
324,225	Carhart, E. M.	Conductors	Aug. 11, 1885
324,248	Goodwin, H. K.	Telephones, systems	Aug. 11, 1885
324,305	Cutten, E. B.	Lights, arc	Aug. 11, 1885
324,311	Fiske, B. A.	do	Aug. 11, 1885
324,334	Moses, O. A.	Lights, incandescent	Aug. 11, 1885
324,356	Black, W. T.	Telephones, mechanical	Aug. 18, 1885
324,358	Cabot, J. A.	Telephones, switches	Aug. 18, 1885
324,369	Edwards, R.	Alarms, burglar	Aug. 18, 1885
324,381	Ives, E. B. and Williams, C. W.	Telegraphy, railway-car	Aug. 18, 1885
324,410	Otto, G.	Connectors	Aug. 18, 1885
324,412	Patterson, W. R.	Conductors	Aug. 18, 1885
324,413	Patterson, W. R.	do	Aug. 18, 1885
324,447	Wynne, F.	Locomotion	Aug. 18, 1885
324,470	Hess, E. B.	Car-brakes	Aug. 18, 1885
324,475	Lyman, W. T.	Batteries, galvanic	Aug. 18, 1885
324,476	Mayrhofer, C. A.	Railway signals	Aug. 18, 1885
324,501	Thomson, E.	Regulators	Aug. 18, 1885
324,502	Thomson, E.	Lights, arc	Aug. 18, 1885
324,530	Brown, F. M.	Lights, sockets and keys	Aug. 18, 1885
324,551	Goldenberg, L.	Lights, systems and appliances	Aug. 18, 1885
324,566	Lannert, J. A.	Regulators	Aug. 18, 1885
324,590	Powers, J. A.	Magneto-electric	Aug. 18, 1885
324,591	Price, C. W. and Barrett, A.	Telephones, systems	Aug. 18, 1885
324,597	Sellon, J. S.	Batteries, secondary	Aug. 18, 1885
324,621	Wheeler, S. S.	Applications, general	Aug. 18, 1885
324,635	Bacon, M.	Indicators	Aug. 18, 1885
324,658	Cowles, E. H. and A. H.	Applications, general	Aug. 18, 1885
324,659	Cowles, E. H., Mabery, C. F. and Cowles, A. H.	do	Aug. 18, 1885
324,666	Diehl, P.	Magneto-electric	Aug. 18, 1885
324,667	Diehl, P.	Motors	Aug. 18, 1885
324,678	Gilliland, E. T.	Telephones, switches	Aug. 18, 1885
324,692	Hill, G. W.	Insulators	Aug. 18, 1885
324,708	Leighton, E. F.	Batteries, galvanic	Aug. 18, 1885
324,711	Lothrop, C. H.	Cut-outs, mechanical	Aug. 18, 1885
324,713	Main, O. F.	Medical and surgical, body-wear	Aug. 18, 1885
324,726	Perrin, T. J.	Telephones, electric	Aug. 18, 1885
324,727	Perrin, T. J.	do	Aug. 18, 1885
324,728	Perrin, T. J.	do	Aug. 18, 1885
324,729	Perrin, T. J.	do	Aug. 18, 1885
324,746	Brown, F. H.	Telegraphy, circuits and systems	Aug. 18, 1885
324,751	Curtiss, R. M.	Applications, tools and machines	Aug. 18, 1885
324,752	Cushman, H. and Hall, J. P.	Magneto-electric	Aug. 18, 1885
324,774	Jones, C. E.	Car-brakes	Aug. 18, 1885
324,778	Loomis, O. P.	Lights, arc	Aug. 18, 1885
324,792	Worth, A. B.	do	Aug. 18, 1885
324,799	Athearn, W. E.	Telegraphy, duplex	Aug. 25, 1885
324,808	Bobrick, G. A.	Alarms	Aug. 25, 1885

No.	NAME.	CLASS.	DATE.
324,824	Field, F. R.	Clocks	Aug. 25, 1885
324,858	Low, J. B.	Batteries, galvanic	Aug. 25, 1885
324,862	Mather, R. H.	Regulators	Aug. 25, 1885
324,891	Sprague, F. J.	Motors	Aug. 25, 1885
324,892	Sprague, F. J.	Locomotion	Aug. 25, 1885
324,894	Stanley, W., jr.	Lights, sockets and keys	Aug. 25, 1885
324,899	Van Depoele, C. J.	Locomotion	Aug. 25, 1885
324,957	Putnam, J. D.	Insulators	Aug. 25, 1885
324,978	Bowman, A. H.	Lights, arc	Aug. 25, 1885
324,979	Cabot, J. A.	Lights, sockets and keys	Aug. 25, 1885
324,980	Cabot, J. A.	Cut-outs, electro-magnetic	Aug. 25, 1885
324,981	Cabot, J. A.	Lights, filaments and carbons	Aug. 25, 1885
325,011	Price, W. G.	Recorders	Aug. 25, 1885
325,083	Hopkinson, J.	Locomotion	Aug. 25, 1885
325,086	Hughes, L.	Medical and surgical, body-wear	Aug. 25, 1885
325,113	Rabe, H.	Clocks	Aug. 25, 1885
325,120	Sellon, J. S.	Batteries, secondary	Aug. 25, 1885
325,124	Smith, A. T.	Circuit-closers	Aug. 25, 1885
325,133	Van Depoele, C. J.	Regulators	Aug. 25, 1885
325,173	Heysinger, I. W.	Locomotion	Aug. 25, 1885
325,225	Van Depoele, C. J.	Meters	Aug. 25, 1885
325,257	Mackay, P. N.	Lights, filaments and carbons	Sept. 1, 1885
325,363	Royle, V. and J., jr.	Conductors	Sept. 1, 1885
325,389	Brown, H. P.	Lights, systems and appliances	Sept. 1, 1885
325,390	Brown, H. P.	do	Sept. 1, 1885
325,391	Brown, H. P.	do	Sept. 1, 1885
325,423	McCarty, N.	Lights, arc	Sept. 1, 1885
325,424	McCarty, N.	do	Sept. 1, 1885
325,463	Waite, H. E.	Annunciators	Sept. 1, 1885
325,495	Brooks, D.	Conductors, underground	Sept. 1, 1885
325,500	Cleaver, J. B.	Telephones, mechanical	Sept. 1, 1885
325,520	Farnham, I. H.	Indicators	Sept. 1, 1885
325,531	Gould, J. H.	Conductors, underground	Sept. 1, 1885
325,540	Hess, G.	Lights, incandescent	Sept. 1, 1885
325,569	Root, F. H.	Igniting devices	Sept. 1, 1885
325,576	Stanley, W., jr.	Regulators	Sept. 1, 1885
325,619	Mueller, C. L. F.	Magneto-electric	Sept. 1, 1885
325,630	Rae, F. B.	Conductors, anti-inductive	Sept. 1, 1885
325,639	Wood, J. J.	Alarms	Sept. 1, 1885
325,641	Woolley, L. G.	Motors	Sept. 1, 1885
325,653	Bunnell, J. H.	Connectors	Sept. 8, 1885
325,659	Dolbear, A. E.	Telephones, systems	Sept. 8, 1885
325,660	Dolbear, A. E.	Telephones, electric	Sept. 8, 1885
325,702	Sheehy, R. J.	Telegraphy, printing	Sept. 8, 1885
325,714	Van Choate, S. F.	Magneto-electric	Sept. 8, 1885
325,743	Hettinger, M.	Conductors	Sept. 8, 1885
325,795	Freese, H. E.	Lights, systems and appliances	Sept. 8, 1885
325,796	Freese, H. E.	do	Sept. 8, 1885
325,802	Hopkins, G. M.	Lights, arc	Sept. 8, 1885
325,915	Daft, L.	Locomotion	Sept. 8, 1885
325,920	Farmer, M. G.	Telephones, relays and repeaters	Sept. 8, 1885
325,952	Mead, C. K.	Telephones, systems	Sept. 8, 1885
325,958	Moses, O. A.	Lights, incandescent	Sept. 8, 1885
325,984	Smith, W. D.	Conductors, underground	Sept. 8, 1885
326,021	Cruikshank, G. M.	Conductors, lead-covered	Sept. 8, 1885
326,028	Forster, F. E.	Indicators	Sept. 8, 1885
326,033	Hammer, E. G.	Batteries, galvanic	Sept. 8, 1885
326,068	Timmis, I. A. and Currie, S. C. C.	Railway-signals	Sept. 8, 1885
326,084	Healy, C. L.	Telegraphy, printing	Sept. 8, 1885
326,123	Jones, R. F.	Lights, arc	Sept. 15, 1885
326,132	Matherson, P. C.	Insulators	Sept. 15, 1885
326,158	Sargent, F. G.	Telephones, calls	Sept. 15, 1885
326,207	Favor, L. B. and Jacobs, C. A.	Indicators	Sept. 15, 1885
326,223	Jönsson, O. F.	Valve-controllers	Sept. 15, 1885
326,237	Perry, J. and Ayrton, W. E.	Locomotion	Sept. 15, 1885
326,268	Burnley, W.	Telephones, magnetic	Sept. 15, 1885
326,269	Burnley, W.	Telephones, electric	Sept. 15, 1885
326,270	Burnley, W.	Induction coils	Sept. 15, 1885
326,337	Sanders, L. M.	Valve-controllers	Sept. 15, 1885
326,359	Wacker, G. G.	do	Sept. 15, 1885
326,363	Weston, W. S.	Lights, systems and appliances	Sept. 15, 1885
326,364	Weston, W. S.	do	Sept. 15, 1885
326,424	Gassett, O.	Magnetic locks and bolts	Sept. 15, 1885
326,458	Seligman, H.	Telephones, mechanical	Sept. 15, 1885
326,459	Sprague, S. H.	Lights, systems and appliances	Sept. 15, 1885
326,487	Du Shane, J.	Lights, arc	Sept. 15, 1885
326,498	Griffin, P. H.	Lights, systems and appliances	Sept. 15, 1885

No.	NAME.	CLASS.	DATE.
326,575	Mather, R. H.	Regulators	Sept. 22, 1885
326,584	Perkins, C. G.	Lights, incandescent	Sept. 22, 1885
326,603	Stockwell, L. W.	Regulators	Sept. 22, 1885
326,610	Whitlock, C. and Knapp, A. C.	Telephones, switches	Sept. 22, 1885
326,637	Gardanier, G. W.	Telegraphy, quadruplex	Sept. 22, 1885
326,675	Rogers, J. H. and J. W.	Telephones, magnetic	Sept. 22, 1885
326,760	Marchese, E.	Separators	Sept. 22, 1885
326,796	Smit, W. B. and Pot, A.	Magneto-electric	Sept. 22, 1885
326,880	Maver, W., jr.	Telegraphy, circuits and systems	Sept. 22, 1885
326,892	Van Rysselberghe, F.	Telegraphy, quadruplex	Sept. 22, 1885
326,894	Wood, J. J.	Regulators	Sept. 22, 1885
326,906	Helvin, J. A. and Van Hoevenbergh, H.	Connectors	Sept. 22, 1885
326,933	Amet, E. H.	Valve-controllers	Sept. 29, 1885
326,934	Amet, E. H.	do	Sept. 29, 1885
326,957	Eisenhart, C. A.	Applications, general	Sept. 29, 1885
326,979	Heiman, S.	Lights, incandescent	Sept. 29, 1885
326,989	Jordan, C. M.	Telegraphy, printing	Sept. 29, 1885
327,039	Thomson, E.	Cut-outs, electro-magnetic	Sept. 29, 1885
327,073	Edmunds, H. and Howard, C. T.	Telephones, systems	Sept. 29, 1885
327,080	Gilliland, E. T.	Conductors	Sept. 29, 1885
327,089	Julig, L.	Applications, general	Sept. 29, 1885
327,097	Muirhead, A.	Telegraphy, duplex	Sept. 29, 1885
327,143	Cutten, E. B.	Alarms	Sept. 29, 1885
327,175	Keating, A. S.	do	Sept. 29, 1885
327,176	Keating, A. S.	do	Sept. 29, 1885
327,232	Levett, H. H.	Lights, are	Sept. 29, 1885
327,341	Starr, E. T. and E. E.	Batteries, secondary	Sept. 29, 1885
327,375	Allen, J. G.	Lights, are	Sept. 29, 1885
327,381	Clay, H. T.	Locomotion	Sept. 29, 1885
327,382	Cohen, R. L.	do	Sept. 29, 1885
327,383	Cox, G. S.	Conductors, underground	Sept. 29, 1885
327,391	Green, J. J.	Meters	Sept. 29, 1885
327,393	Harrison, C. A.	Telephones, details	Sept. 29, 1885
327,458	McMackin, P.	Conductors, underground	Sept. 29, 1885
327,459	Spalding, H. C.	Conductors, anti-inductive	Sept. 29, 1885
327,460	Spalding, H. C.	Conductors	Sept. 29, 1885
327,461	Spalding, H. C.	Conductors, anti-inductive	Sept. 29, 1885
327,462	Spalding, H. C.	Conductors	Sept. 29, 1885
327,463	Spalding, H. C.	Conductors, underground	Sept. 29, 1885
327,464	Spalding, H. C.	Conductors, anti-inductive	Sept. 29, 1885
327,465	Spalding, H. C.	Conductors, underground	Sept. 29, 1885
327,466	Spalding, H. C.	Conductors, anti-inductive	Sept. 29, 1885
327,467	Spalding, H. C.	Conductors	Sept. 29, 1885
327,468	Spalding, H. C.	Conductors, underground	Sept. 29, 1885
327,469	Spalding, H. C.	Electro-magnets	Sept. 29, 1885
327,470	Spalding, H. C.	Electro-magnets, machines for winding	Sept. 29, 1885
327,471	Spalding, H. C.	Conductors	Sept. 29, 1885
327,472	Spalding, H. C.	Conductors, anti-inductive	Sept. 29, 1885
327,473	Spalding, H. C.	do	Sept. 29, 1885
327,474	Spalding, H. C.	Conductors, underground	Sept. 29, 1885
327,475	Spalding, H. C.	do	Sept. 29, 1885
327,476	Spalding, H. C.	Conductors, anti-inductive	Sept. 29, 1885
327,477	Spalding, H. C.	Conductors, underground	Sept. 29, 1885
327,478	Spalding, H. C.	do	Sept. 29, 1885
327,479	Spalding, H. C.	Connectors	Sept. 29, 1885
327,480	Spalding, H. C.	Conductors, underground	Sept. 29, 1885
327,481	Spalding, H. C.	do	Sept. 29, 1885
327,482	Spalding, H. C.	Conductors, anti-inductive	Sept. 29, 1885
327,483	Spalding, H. C.	Conductors, underground	Sept. 29, 1885
327,484	Spalding, H. C.	Conductors, anti-inductive	Sept. 29, 1885
327,485	Spalding, H. C.	do	Sept. 29, 1885
327,486	Spalding, H. C.	do	Sept. 29, 1885
327,487	Spalding, H. C.	do	Sept. 29, 1885
327,488	Spalding, H. C.	do	Sept. 29, 1885
327,489	Spalding, H. C.	do	Sept. 29, 1885
327,490	Spalding, H. C.	do	Sept. 29, 1885
327,491	Spalding, H. C.	Conductors	Sept. 29, 1885
327,492	Spalding, H. C.	Conductors, anti-inductive	Sept. 29, 1885
327,493	Spalding, H. C.	Conductors	Sept. 29, 1885
327,494	Spalding, H. C.	Conductors, anti-inductive	Sept. 29, 1885
327,495	Spalding, H. C.	do	Sept. 29, 1885
327,496	Spalding, H. C.	do	Sept. 29, 1885
327,497	Spalding, H. C.	do	Sept. 29, 1885
327,498	Spalding, H. C.	Cut-outs, electro-magnetic	Sept. 29, 1885
327,499	Spalding, H. C.	do	Sept. 29, 1885
327,500	Spalding, H. C.	do	Sept. 29, 1885
327,525	Clarke, C. L.	Valve-controllers	Oct. 6, 1885

No.	NAME.	CLASS.	DATE.
327,526	Clarke, C. L.	Clocks	Oct. 6, 1885
327,527	Clarke, C. L.	do	Oct. 6, 1885
327,536	Davis, W. E.	Railway signals	Oct. 6, 1885
327,576	Myers, F. I.	do	Oct. 6, 1885
327,578	Nelson, J.	Lights, incandescent	Oct. 6, 1885
327,582	Odell, J. B.	Batteries, galvanic	Oct. 6, 1885
327,625	Waite, H. E.	Telephones, electric	Oct. 6, 1885
327,657	Clarke, C. L.	Circuit-closers	Oct. 6, 1885
327,690	Jackson, A.	Locomotion	Oct. 6, 1885
327,692	Johnson, F. G.	Telephones, supports	Oct. 6, 1885
327,790	Grauert, E.	Magneto-electric	Oct. 6, 1885
327,795	Heisler, C.	Cut-outs, electro-magnetic	Oct. 6, 1885
327,796	Heisler, C.	Lights, systems and appliances	Oct. 6, 1885
327,797	Immisel, M.	Motors	Oct. 6, 1885
327,837	Thompson, S. P.	Telephones, electric	Oct. 6, 1885
327,878	Holtzer, C. W.	Batteries, galvanic	Oct. 6, 1885
327,886	Low, A. H.	Magneto-electric, hand-machines	Oct. 6, 1885
327,888	Main, W.	Lights, systems and appliances	Oct. 6, 1885
327,889	Main, W.	do	Oct. 6, 1885
327,897	Pond, C. H.	Clocks	Oct. 6, 1885
327,898	Pond, C. H.	do	Oct. 6, 1885
327,908	Weston, E.	Galvanometers	Oct. 6, 1885
327,911	Wirsching, A.	Telegraphy, printing	Oct. 6, 1885
327,919	Burmann, J.	Alarms, burglar	Oct. 6, 1885
327,940	Gilliland, J. F.	Telephones, mechanical	Oct. 6, 1885
327,962	Murray, W. A.	Railway-signals	Oct. 6, 1885
327,964	Prescott, G. B., jr.	Batteries, secondary, applications	Oct. 6, 1885
327,971	Tatham, J.	Conductors	Oct. 6, 1885
327,997	Briggs, A. E.	Annunciators	Oct. 13, 1885
328,012	Cox, H. F.	Conductors, underground	Oct. 13, 1885
328,022	Fyfe, A. L. and Main, J.	Lights, arc	Oct. 13, 1885
328,030	Henzel, G. L.	Magnetic locks and bolts	Oct. 13, 1885
328,055	Oram, J. M.	Clocks	Oct. 13, 1885
328,148	Smith, C. A.	Telephones, calls	Oct. 13, 1885
328,156	Tucker, C. A.	Valve-controllers	Oct. 13, 1885
328,166	Williams, G. M.	Alarms	Oct. 13, 1885
328,205	Flint, F. W.	Indicators	Oct. 13, 1885
328,208	Gardner, E. M.	Batteries, galvanic	Oct. 13, 1885
328,243	Moore, G. W. and Culbertson, J. N.	Telephones, systems	Oct. 13, 1885
328,253	Rice, E. W., jr.	Magneto-electric	Oct. 13, 1885
328,258	Shaw, F. R.	Telephones, mechanical	Oct. 13, 1885
328,305	Firman, L. B.	Telephones, systems	Oct. 13, 1885
328,418	Main, W.	Batteries, secondary, applications	Oct. 13, 1885
328,420	McLaughlin, J. F.	Locomotion	Oct. 13, 1885
328,447	Brady, E. L.	Systems of distribution	Oct. 13, 1885
328,491	Judson, C. N.	Telegraphy, printing	Oct. 20, 1885
328,500	McCausland, W. J.	do	Oct. 20, 1885
328,502	McLeod, C. G.	Connectors	Oct. 20, 1885
328,556	Amet, E. H.	Valve-controllers	Oct. 20, 1885
328,572	Edison, T. A.	Magneto-electric	Oct. 20, 1885
328,573	Edison, T. A.	Lights, systems and appliances	Oct. 20, 1885
328,574	Edison, T. A.	Systems of distribution	Oct. 20, 1885
328,575	Edison, T. A.	do	Oct. 20, 1885
328,578	Farnham, I. H.	Telephones, calls	Oct. 20, 1885
328,592	Lord, W. H.	Indicators	Oct. 20, 1885
328,593	Main, W.	Batteries, secondary, applications	Oct. 20, 1885
328,600	Munson, J. E.	Telegraphy, perforators	Oct. 20, 1885
328,607	Partz, A. F. W.	Batteries, galvanic	Oct. 20, 1885
328,618	Sonne, C. C.	Telephones, systems	Oct. 20, 1885
328,687	Kauffer, T. L.	Batteries, galvanic	Oct. 20, 1885
328,695	Leonard, S. S.	Cut-outs, mechanical	Oct. 20, 1885
328,702	McLaughlin, J. F.	Telephones, switches	Oct. 20, 1885
328,703	McLaughlin, J. F.	Telephones, electric	Oct. 20, 1885
328,712	Pennock, G. B.	Conductors, underground	Oct. 20, 1885
328,728	Smith, L. O.	Insulators	Oct. 20, 1885
328,769	Field, F. R.	Clocks	Oct. 20, 1885
328,821	Sprague, F. J.	Locomotion	Oct. 20, 1885
328,829	Wenigmann, P.	Medical and surgical, body-wear	Oct. 20, 1885
328,831	Arnold, C. R.	Lights, sockets and keys	Oct. 20, 1885
328,832	Arnold, C. R.	Lights, systems and appliances	Oct. 20, 1885
328,859	Piper, C. E.	Magneto-electric	Oct. 20, 1885
328,929	Fawcett, W. N. and Huntley, G. F.	Insulators	Oct. 27, 1885
328,948	Kauffer, T. L.	Batteries, galvanic	Oct. 27, 1885
328,976	Rousseau, D.	Igniting devices	Oct. 27, 1885
328,977	Rousseau, D.	do	Oct. 27, 1885
328,982	Tirrell, J. P.	Bells	Oct. 27, 1885
329,001	Beedy, S. E.	Telephones, electric	Oct. 27, 1885

No.	NAME.	CLASS.	DATE.
329,030	Edison, T. A	Telephones, electric	Oct. 27, 1885
329,076	Phelps, L. J.	Telegraphy, railway-car	Oct. 27, 1885
329,077	Phelps, L. J.	do	Oct. 27, 1885
329,083	Robertson, J. H.	Telephones, magnetic	Oct. 27, 1885
329,084	Robertson, J. H.	do	Oct. 27, 1885
329,085	Robertson, J. H.	do	Oct. 27, 1885
329,104	Van Depoele, C. J.	Locomotion	Oct. 27, 1885
329,112	Willans, P. W.	Valve-controllers	Oct. 27, 1885
329,118	Ball, C. M.	Regulators	Oct. 27, 1885
329,152	Elden, C. F.	Lightning-arresters	Oct. 27, 1885
329,162	Hamilton, E. M.	Connectors	Oct. 27, 1885
329,166	Holcombe, A. G.	Lights, arc	Oct. 27, 1885
329,186	McCullough, L. H.	Telegraphy, fire	Oct. 27, 1885
329,187	McCullough, L. H.	do	Oct. 27, 1885
329,188	McCullough, L. H.	do	Oct. 27, 1885
329,189	McCullough, L. H.	do	Oct. 27, 1885
329,222	Sedgwick, F.	Magnetic locks and bolts	Oct. 27, 1885
329,223	Sedgwick, F.	do	Oct. 27, 1885
329,245	Weaver, E. E.	Circuit-closers	Oct. 27, 1885
329,294	Ehrlich, L.	Alarms, burglar	Oct. 27, 1885
329,310	Hicks, T. H.	Induction coils	Oct. 27, 1885
329,327	Marston, Du P. F.	Telephones, electric	Oct. 27, 1885
329,386	Gray, E.	Telegraphy, reed	Oct. 27, 1885
329,398	Leggo, W. A.	Keys	Oct. 27, 1885
329,399	Leggo, W. A.	do	Oct. 27, 1885
329,410	Pope, F. L.	Telegraphy, dynamo	Oct. 27, 1885
329,411	Pope, F. L.	do	Oct. 27, 1885
329,412	Pope, F. L.	Telegraphy, circuits and systems	Oct. 27, 1885
329,460	Lemp, H.	Cut-outs, mechanical	Nov. 3, 1885
329,461	Lemp, H.	Lights, arc	Nov. 3, 1885
329,468	Martin, M. and Wilson, J. C.	Telegraphy, fire	Nov. 3, 1885
329,470	Martin, M.	Thermostats	Nov. 3, 1885
329,477	Muirhead, A.	Telegraphy, duplex	Nov. 3, 1885
329,478	Nicholson, H. C.	Railway-signals	Nov. 3, 1885
329,510	Travis, C. L.	Lights, systems and appliances	Nov. 3, 1885
329,515	Van Nortwick, S. B.	Telegraphy, printing	Nov. 3, 1885
329,618	Benton, C. H.	Lights, sockets and keys	Nov. 3, 1885
329,621	Byllesby, H. M.	Systems of distribution	Nov. 3, 1885
329,646	Hibbard, A. S.	Recorders	Nov. 3, 1885
329,670	Nicholson, S. and Bowen, H. A.	Lights, filaments and carbons	Nov. 3, 1885
329,681	Schlesinger, W. M.	Regulators	Nov. 3, 1885
329,698	Barry, J.	Thermostats	Nov. 3, 1885
329,723	Dickenson, W.	Telegraphy, automatic	Nov. 3, 1885
329,724	Dieckmann, G. F.	Batteries, galvanic	Nov. 3, 1885
329,732	Godfrey, J.	Telephones, details	Nov. 3, 1885
329,749	Larish, J. W.	Telegraphy, quadruplex	Nov. 3, 1885
329,768	Parkes, S. H.	Electro-magnets	Nov. 3, 1885
329,772	Perrin, T. J.	Induction-coils	Nov. 3, 1885
329,782	Steiner, J.	Bells	Nov. 3, 1885
329,808	Bruns, C. L.	Cut-outs, electro-magnetic	Nov. 3, 1885
329,830	Grovesteen, M. W.	Indicators	Nov. 3, 1885
329,833	Hubbell, C. J.	Lightning-rods	Nov. 3, 1885
329,871	Wood, F. B.	Telegraphy, fire	Nov. 3, 1885
329,874	Ahearn, T.	Recorders	Nov. 10, 1885
329,887	Caples, H. L. and Lewis, W. W.	Conductors, underground	Nov. 10, 1885
329,909	Johnson, F. G.	Telephones, details	Nov. 10, 1885
329,929	Metzger, A.	Induction-coils	Nov. 10, 1885
329,948	Pyle, G. C.	Lights, arc	Nov. 10, 1885
329,956	Rosebrugh, A. M. and T. R.	Telegraphy, duplex	Nov. 10, 1885
329,982	West, W. A.	Telephones, magnetic	Nov. 10, 1885
329,983	West, W. A.	Telephones, electric	Nov. 10, 1885
329,984	West, W. A.	do	Nov. 10, 1885
330,036	McCahey, J.	Conductors	Nov. 10, 1885
330,037	McCambridge, P. C. F.	Keys	Nov. 10, 1885
330,048	Patterson, W. R.	Conductors	Nov. 10, 1885
330,049	Patterson, W. R.	Conductors, underground	Nov. 10, 1885
330,052	Scribner, C. E.	Lights, arc	Nov. 10, 1885
330,053	Scribner, C. E.	Regulators	Nov. 10, 1885
330,054	Scribner, C. E.	Lightning-arresters	Nov. 10, 1885
330,055	Scribner, C. E.	Lights, arc	Nov. 10, 1885
330,056	Scribner, C. E.	Telephones, systems	Nov. 10, 1885
330,057	Scribner, C. E.	do	Nov. 10, 1885
330,058	Scribner, C. E.	do	Nov. 10, 1885
330,059	Scribner, C. E.	do	Nov. 10, 1885
330,060	Scribner, C. E.	do	Nov. 10, 1885
330,061	Scribner, C. E.	do	Nov. 10, 1885
330,062	Scribner, C. E.	do	Nov. 10, 1885

No.	NAME.	CLASS.	DATE.
330,063	Scribner, C. E.	Telephones, systems	Nov. 10, 1885
330,064	Scribner, C. E.	Telephones, switches	Nov. 10, 1885
330,065	Scribner, C. E.	Telephones, systems	Nov. 10, 1885
330,066	Scribner, C. E.	do	Nov. 10, 1885
330,067	Seely, J. A.	do	Nov. 10, 1885
330,071	Tichenor, A. C.	Conductors	Nov. 10, 1885
330,074	Vogel, W.	Railway signals	Nov. 10, 1885
330,095	Clark, E. P.	Magneto-electric	Nov. 10, 1885
330,139	Meyer, C. W.	Lights, systems and appliances	Nov. 10, 1885
330,149	Pilet, G. and Carry, C.	Electrolysis	Nov. 10, 1885
330,173	Tringham, J. W.	Insulators	Nov. 10, 1885
330,226	Gibbins, J. P.	Applications, tools and machines	Nov. 10, 1885
330,238	Healy, C. L.	Telegraphy, printing	Nov. 10, 1885
330,239	Healy, C. L.	do	Nov. 10, 1885
330,244	Lange, P.	Lights, systems and appliances	Nov. 10, 1885
330,247	Liepmann, H.	Electrolysis	Nov. 10, 1885
330,269	Stanley, W., jr.	Lights, sockets and keys	Nov. 10, 1885
330,271	Stewart, G. W.	Relays and sounders	Nov. 10, 1885
330,277	Williams, T. D.	Conductors, underground	Nov. 10, 1885
330,344	Munson, J. E.	Telegraphy, automatic	Nov. 10, 1885
330,351	Romanze, O.	Lights, arc	Nov. 10, 1885
330,356	Trotter, A. P.	Lights, systems and appliances	Nov. 10, 1885
330,368	Barbier, R. P.	Telephones, systems	Nov. 17, 1885
330,379	Cousins, J. L.	Valve-controllers	Nov. 17, 1885
330,433	Slattery, M. M. M.	Magneto-electric	Nov. 17, 1885
330,449	Weston, E.	Rheostats	Nov. 17, 1885
330,450	Weston, E.	Lights, arc	Nov. 17, 1885
330,451	Weston, E.	Meters	Nov. 17, 1885
330,463	Brown, H. P.	Electro-magnets	Nov. 17, 1885
330,464	Brown, H. P.	Lights, systems and appliances	Nov. 17, 1885
330,465	Brown, H. P.	do	Nov. 17, 1885
330,466	Brown, H. P.	Cut-outs, electro-magnetic	Nov. 17, 1885
330,486	Holt, A. J.	Lightning-arresters	Nov. 17, 1885
330,490	Jenney, C. D.	Magneto-electric	Nov. 17, 1885
330,531	Vetter, J. C.	Induction-coils	Nov. 17, 1885
330,586	Heisler, C.	Lights, filaments and carbons	Nov. 17, 1885
330,605	McLanghlin, J. F.	Locomotion	Nov. 17, 1885
330,632	Spellier, L. H.	Clocks	Nov. 17, 1885
330,635	Stewart, G. W.	Relays and sounders	Nov. 17, 1885
330,640	Timby, T. R.	Applications, general	Nov. 17, 1885
330,642	Timby, T. R.	do	Nov. 17, 1885
330,644	Vail, T. N.	Telephones, switch-boards	Nov. 17, 1885
330,724	Montgomery, S.	Conductors, underground	Nov. 17, 1885
330,763	Wood, J. B.	Telephones, systems	Nov. 17, 1885
330,836	Jönsson, O. F.	Magneto-electric	Nov. 17, 1885
330,873	Cobb, H. B.	Conductors	Nov. 24, 1885
330,874	Cobb, S. B.	do	Nov. 24, 1885
330,879	Emmner, J., jr.	Telephones, electric	Nov. 24, 1885
330,903	Kinsman, F. E.	Annunciators	Nov. 24, 1885
330,923	Ramel, A. and Dean, W. W.	Clocks	Nov. 24, 1885
330,938	Stevens, W. L. and Wescott, E. J.	do	Nov. 24, 1885
330,949	Wightman, M. J.	Cut-outs, mechanical	Nov. 24, 1885
331,002	Perkins, C. G.	Lights, incandescent	Nov. 24, 1885
331,042	De Mier, J. R.	Telegraphy, railway-car	Nov. 24, 1885
331,052	Gillett, W.	Telephones, electric	Nov. 24, 1885
331,081	Neumeyer, H. F.	Applications, general	Nov. 24, 1885
331,104	Winslow, W. H.	Electrolysis	Nov. 24, 1885
331,105	Winslow, W. H.	do	Nov. 24, 1885
331,119	Eaton, G. H.	Alarms	Nov. 24, 1885
331,121	Eisenhart, C. A.	Induction-coils	Nov. 24, 1885
331,148	McArthur, J. W.	Keys	Nov. 24, 1885
331,155	Orton, B. F.	Magneto-electric	Nov. 24, 1885
331,186	Davis, J. P.	Telephones, systems	Nov. 24, 1885
331,221	White, L. S.	Igniting devices	Nov. 24, 1885
331,250	Miner, W. M.	Repeaters	Nov. 24, 1885
331,257	Price, C. W. and Barrett, A.	Annunciators	Nov. 24, 1885
331,275	Beyerlen, A.	Telegraphy, printing	Dec. 1, 1885
331,309	Lockwood, W. C.	Telephones, electric	Dec. 1, 1885
331,327	Pyle, G. C.	Lights, arc	Dec. 1, 1885
331,356	Wilson, J. C.	Telegraphy, fire	Dec. 1, 1885
331,386	Eames, G. M.	Applications, tools and machines	Dec. 1, 1885
331,388	Enos, J. A.	Locomotion	Dec. 1, 1885
331,390	Fowler, E. W.	Magnetic locks and bolts	Dec. 1, 1885
331,406	Johnson, W. S.	Valve-controllers	Dec. 1, 1885
331,407	Jones, E.	Batteries, secondary	Dec. 1, 1885
331,408	Jones, E.	do	Dec. 1, 1885
331,463	Tirrell, J. P.	Indicators	Dec. 1, 1885

No.	NAME.	CLASS.	DATE.
331,502	Jackson, C. T.	Magneto-electric	Dec. 1, 1885
331,552	Schlesinger, W. M.	Regulators	Dec. 1, 1885
331,585	Van Depoele, C. J.	Locomotion	Dec. 1, 1885
331,609	Boissier, H. R.	Electrolysis	Dec. 1, 1885
331,630	Geary, J.	Igniting devices	Dec. 1, 1885
331,650	Pond, C. H.	Annunciators	Dec. 1, 1885
331,663	Thompson, E. P.	Lights, filaments and carbons	Dec. 1, 1885
331,674	Bailey, R. A.	Valve-controllers	Dec. 1, 1885
331,718	Kettell, J. F.	Telegraphy, fire	Dec. 1, 1885
331,726	Müller, H.	Magneto-electric	Dec. 1, 1885
331,754	Atkinson, P.	Friction generators	Dec. 8, 1885
331,764	Brush, C. F.	Lights, incandescent	Dec. 8, 1885
331,814	Orton, B. F.	Regulators	Dec. 8, 1885
331,815	Orton, B. F.	Magneto-electric	Dec. 8, 1885
331,816	Orton, B. F.	Regulators	Dec. 8, 1885
331,817	Orton, B. F.	Lights, systems and appliances	Dec. 8, 1885
331,818	Orton, B. F.	Magneto-electric	Dec. 8, 1885
331,826	Scales, E. A.	Recorders	Dec. 8, 1885
331,830	Silliman, E. B.	Electro-magnets	Dec. 8, 1885
331,879	Henderson, J. W.	Railway signals	Dec. 8, 1885
331,880	Hill, W. S.	Motors	Dec. 8, 1885
331,918	Street, E. A. and Fleming, R. W.	Conductors, underground	Dec. 8, 1885
331,924	Vail, J. H.	Magneto-electric	Dec. 8, 1885
331,955	Ford, W. S.	Telephones, switch-boards	Dec. 8, 1885
331,975	Keeley, D. H. and Garvey, A. A. E.	Telegraphy, quadruplex	Dec. 8, 1885
331,986	McCullough, L. H.	Circuit-closers	Dec. 8, 1885
332,009	Schlesinger, W. M.	Transmission of power	Dec. 8, 1885
332,012	Seely, J. A.	Telephones, systems	Dec. 8, 1885
332,047	Burdick, J. R.	Conductors, underground	Dec. 8, 1885
332,061	Deblieux, B. N.	Insulators	Dec. 8, 1885
332,066	Facer, W. E.	Thermostats	Dec. 8, 1885
332,071	Gavitt, J. K. G.	Applications, general	Dec. 8, 1885
332,130	Yeakle, J. B.	Alarms, burglar	Dec. 8, 1885
332,149	Hoeveler, W. A.	Conductors, underground	Dec. 8, 1885
332,173	Willson, T. L.	Lights, arc	Dec. 8, 1885
332,193	Duperow, M.	Telegraphy, circuits and systems	Dec. 8, 1885
332,254	Hoffman, H. H.	Alarms, burglar	Dec. 15, 1885
332,286	Pfannkuche, G.	Cut-outs, thermal	Dec. 15, 1885
332,319	Barrett, J. A.	Conductors, underground	Dec. 15, 1885
332,336	Fee, J. D.	Telegraphy, railway-car	Dec. 15, 1885
332,383	Cole, J. W. and Knudsen, H.	Lightning-rods	Dec. 15, 1885
332,388	Fraser, H. T. O.	Magneto-electric, hand-machines	Dec. 15, 1885
332,399	Jenney, C. D.	Magneto-electric	Dec. 15, 1885
332,419	Munson, J. E.	Telegraphy, perforating	Dec. 15, 1885
332,420	Myers, M. J.	Circuit-closers	Dec. 15, 1885
332,427	Parham, C.	Magneto-electric	Dec. 15, 1885
332,431	Pease, W. M.	Railway-signals	Dec. 15, 1885
332,452	Smith, C.	Lights, systems and appliances	Dec. 15, 1885
332,467	West, C. N.	Medical and surgical, body-wear	Dec. 15, 1885
332,480	Boyle, J. C.	Indicators	Dec. 15, 1885
332,496	Cornell, G.	do	Dec. 15, 1885
332,549	Nicholson, H. C.	Telegraphy, quadruplex	Dec. 15, 1885
332,550	Nicholson, H. C.	do	Dec. 15, 1885
332,551	Nicholson, H. C.	do	Dec. 15, 1885
332,559	Robinson, J. A.	Induction coils	Dec. 15, 1885
332,567	Stephen, J.	Telephones, calls	Dec. 15, 1885
332,638	Chase, S. A.	Telegraphy, fire, alarms and extinguishers	Dec. 15, 1885
332,649	Dyer, R. N.	Telegraphy, printing	Dec. 15, 1885
332,668	Main, W.	Motors	Dec. 15, 1885
332,673	Munson, A. J.	Lightning-rods	Dec. 15, 1885
332,685	Waterhouse, F. G.	Magneto-electric	Dec. 15, 1885
332,705	Eames, H. H.	Electrolysis	Dec. 22, 1885
332,721	Loomis, O. P. and Cooley, H. W.	Cut-outs, mechanical	Dec. 22, 1885
332,761	Taylor, R. R.	Conductors	Dec. 22, 1885
332,832	Raworth, J. S.	Galvanometers	Dec. 22, 1885
332,845	Smith, E. W.	Circuit-closers	Dec. 22, 1885
332,905	Johnson, C. M.	Indicators	Dec. 22, 1885
332,913	Lebasteur, H. and Rouart, S. H.	do	Dec. 22, 1885
332,926	McLaughlin, J. F.	Locomotion	Dec. 22, 1885
332,927	McLaughlin, J. F.	do	Dec. 22, 1885
332,928	McLaughlin, J. F.	do	Dec. 22, 1885
332,929	McLaughlin, J. F.	do	Dec. 22, 1885
332,971	Thomas, W. M.	Lights, arc	Dec. 22, 1885
332,987	Bailey, H. L.	Clocks	Dec. 22, 1885
333,008	Griswold, H. P.	Steering and propulsion	Dec. 22, 1885
333,014	Houlehan, J.	Telephones, systems	Dec. 22, 1885
333,028	Stanley, W., jr.	Lights, incandescent	Dec. 22, 1885

No.	NAME.	CLASS.	DATE.
333,044	Williamson, M. B.	Telephones, meehanical	Dec. 22, 1885
333,063	Foote, D. S.	Annunciators	Dec. 22, 1885
333,075	Humphreville, F.	Thermostats	Dec. 22, 1885
333,079	Mott, S. D.	Meters	Dec. 22, 1885
333,110	Clark, E.	Conductors	Dec. 29, 1885
333,111	Clark, E.	do	Dec. 29, 1885
333,131	Keenan, W. J. and Wilson, E. M.	Telegraphy, fire	Dec. 29, 1885
333,132	Kettell, J. F.	Clocks	Dec. 29, 1885
333,133	Kettell, J. F.	do	Dec. 29, 1885
333,167	Scribner, C. E.	Telephones, systems	Dec. 29, 1885
333,174	Thomson, W.	Magneto-electric	Dec. 29, 1885
333,178	Vogel, W.	Railway signals	Dec. 29, 1885
333,194	Cain, J.	Lights, arc	Dec. 29, 1885
333,219	Harding, A.	Lights, systems and appliances	Dec. 29, 1885
333,285	Davis, A. W. S.	Telephones, mechanical	Dec. 29, 1885
333,289	Edison, T. A.	Telegraphy, duplex	Dec. 29, 1885
333,290	Edison, T. A.	do	Dec. 29, 1885
333,291	Edison, T. A.	Telegraphy, quadruplex	Dec. 29, 1885
333,292	Fitz-Gerald, D. G. and Jones, T. J.	Batteries, secondary	Dec. 29, 1885
333,298	Healy, C. L.	Telegraphy, printing	Dec. 29, 1885
333,336	Regan, D. S.	Applications, tools and machines	Dec. 29, 1885
333,394	Clark, E. and Richards, T. A.	Conductors	Dec. 29, 1885
333,443	Bulen, G. F.	Thermostats	Dec. 29, 1885
333,462	Hoeveler, W. A.	Conductors, underground	Dec. 29, 1885
333,554	Shaler, N. S.	Applications, general	Jan. 5, 1886
333,563	Stanley, W., jr., and Shallenberger, O. B.	Magneto-electric	Jan. 5, 1886
333,564	Stanley, W., jr.	Lights, systems and appliances	Jan. 5, 1886
333,573	Thomson, E.	Magneto-electric	Jan. 5, 1886
333,614	DeRedon, C. F.	Bells	Jan. 5, 1886
333,657	Moffatt, R. R.	Lights, incandescent	Jan. 5, 1886
333,661	Odell, J. B.	Batteries, galvanic	Jan. 5, 1886
333,665	Pevey, A.	Railway signals	Jan. 5, 1886
333,698	Thomas, W. M.	Lights, systems and appliances	Jan. 5, 1886
333,727	Campbell, J. H.	do	Jan. 5, 1886
333,739	France, S.	Induction-coils	Jan. 5, 1886
333,742	Gaillard, E. N.	Lights, systems and appliances	Jan. 5, 1886
333,779	Patterson, W. C.	Meters	Jan. 5, 1886
333,791	Tatham, H. B., jr.	Valve-controllers	Jan. 5, 1886
333,815	Body, M.	Electrolysis	Jan. 5, 1886
333,816	Bonta, J. W.	Telephones, electric	Jan. 5, 1886
333,838	Delamare-Deboutteville, E. and Malandin, L. P. C.	Applications, tools and machines	Jan. 5, 1886
333,899	Tatham, H. B., jr.	Thermostats	Jan. 5, 1886
333,902	Thury, R.	Magneto-electric	Jan. 5, 1886
333,932	Dowling, N.	Telephones, magnetic	Jan. 5, 1886
333,951	Hyde, D. W.	Applications, general	Jan. 5, 1886
333,970	Pope, F. L.	Locomotion	Jan. 5, 1886
333,975	Stern, W. A.	Telegraphy, fire	Jan. 5, 1886
334,014	Gilliland, E. T.	Telephones, systems, automatic	Jan. 12, 1886
334,020	Hollerith, H.	Car-brakes	Jan. 12, 1886
334,021	Hollerith, H.	do	Jan. 12, 1886
334,022	Hollerith, H.	do	Jan. 12, 1886
334,023	Jenney, J. A.	Lights, arc	Jan. 12, 1886
334,027	Meeker, F. W.	Batteries, secondary	Jan. 12, 1886
334,062	Van Depoele, C. J.	Locomotion	Jan. 12, 1886
334,069	Bentley, C. D.	Telephones, meehanical	Jan. 12, 1886
334,073	Gage, G. A. and Crary, C. W.	Lights, arc	Jan. 12, 1886
334,142	Weston, E.	Lights, filaments and carbons	Jan. 12, 1886
334,143	Weston, E.	Cut-outs, mechanical	Jan. 12, 1886
334,144	Weston, E.	Lights, arc	Jan. 12, 1886
334,145	Weston, E.	Galvanometers	Jan. 12, 1886
334,146	Weston, E.	Lights, filaments and carbons	Jan. 12, 1886
334,147	Weston, E.	Lights, incandeseent	Jan. 12, 1886
334,153	Babcock, G. H.	Applications, tools and machines	Jan. 12, 1886
334,154	Babcock, G. H.	do	Jan. 12, 1886
334,158	Beard, G. W.	Applications, general	Jan. 12, 1886
334,167	Gardner, W. F.	Railway signals	Jan. 12, 1886
334,185	Phelps, L. J.	Relays and sounders	Jan. 12, 1886
334,186	Phelps, L. J.	Telegraphy, railway-car	Jan. 12, 1886
334,187	Phelps, L. J.	do	Jan. 12, 1886
334,188	Phelps, L. J.	do	Jan. 12, 1886
334,189	Phelps, L. J.	do	Jan. 12, 1886
334,194	Ries, E. E.	Railway signals	Jan. 12, 1886
334,222	Fitch, H. A.	Applications, general	Jan. 12, 1886
334,294	Sheehy, R. J.	Telegraphy, printing	Jan. 12, 1886
334,317	Waterhouse, F. G.	Lights, arc	Jan. 12, 1886
334,353	Dales, J. R. and Adams, E. L.	do	Jan. 12, 1886

No.	NAME.	CLASS.	DATE.
334,365	Ferguson, A. C	Lights, arc	Jan. 12, 1886
334,366	Ferguson, A. C	Lights, systems and appliances	Jan. 12, 1886
334,380	Hilton, C. H	Bells	Jan. 12, 1886
334,390	Kinsman, J. H	Telephones, calls	Jan. 12, 1886
334,399	Walter, W. C	Indicators	Jan. 12, 1886
334,450	Mason, H. R	Conductors	Jan. 19, 1886
334,517	Dickinson, S. C	Clocks	Jan. 19, 1886
334,608	Pope, F. L	Locomotion	Jan. 19, 1886
334,618	Serrell, E. W., jr	Applications, tools and machines	Jan. 19, 1886
334,619	Serrell, E. W., jr	do	Jan. 19, 1886
334,620	Serrell, E. W., jr	do	Jan. 19, 1886
334,621	Serrell, E. W., jr	do	Jan. 19, 1886
334,637	Card, G. F	Car-brakes	Jan. 19, 1886
334,708	Kruesi, J. and Langton, J., jr	Conductors, underground	Jan. 19, 1886
334,709	Kruesi, J. and Langton, J., jr	do	Jan. 19, 1886
334,712	Mather, R. H	Magneto-electric	Jan. 19, 1886
334,745	Carey, J. E	Clocks	Jan. 26, 1886
334,763	Fay, C. N	Conductors	Jan. 26, 1886
334,785	La Bau, J. H	Telegraphy, fire	Jan. 26, 1886
334,788	Lathrop, F. L	Batteries, galvanic	Jan. 26, 1886
334,822	Sweet, W. F	Clocks	Jan. 26, 1886
334,823	Tesla, N	Magneto-electric	Jan. 26, 1886
334,850	Denison, R. A	Conductors, underground	Jan. 26, 1886
334,853	Edison, T. A	Lights, filaments and carbons	Jan. 26, 1886
334,858	Guernsey, D. W	Lights, systems and appliances	Jan. 26, 1886
334,871	Keating, A. S	Relays and sounders	Jan. 26, 1886
334,879	Mayer, J	Medical aud surgical, body-wear	Jan. 26, 1886
334,890	O'Donel, I. M	Alarms	Jan. 26, 1886
334,960	Mason, W. B., Wescott, E. J. and Stevens, W. L	Indicators	Jan. 26, 1886
334,969	Milliken, G. F	Telegraphy, fire	Jan. 26, 1886
335,025	Gaynor, T. F	do	Jan. 26, 1886
335,026	Gaynor, T. F	do	Jan. 26, 1886
335,027	Gaynor, T. F	do	Jan. 26, 1886
335,045	Sprague, F. J	Systems of distribution	Jan. 26, 1886
335,048	Wheeler, S. S	Regulators	Jan. 26, 1886
335,058	Cowles, A. H	Heaters	Jan. 26, 1886
335,059	Cowles, E. H. and A. H	do	Jan. 26, 1886
335,060	Doubleday, H. M	Systems of distribution	Jan. 26, 1886
335,091	Putnam, T. A. B	Conductors, underground	Jan. 26, 1886
335,099	Wheeler, S. S	Regulators	Jan. 26, 1886
335,102	Adams, J. S	Lights, systems and appliances	Feb. 2, 1886
335,105	Boissier, H. R	Magneto-electric	Feb. 2, 1886
335,135	Lee, J. J	Conductors	Feb. 2, 1886
335,158	Thomson, E	Lights, incandescent	Feb. 2, 1886
335,159	Thomson, E	Lights, systems and appliances	Feb. 2, 1886
335,160	Thomson, E	Lights, sockets and keys	Feb. 2, 1886
335,171	Anderson, G. K	Telegraphy, printing	Feb. 2, 1886
335,186	Gardner, W. F	Clocks	Feb. 2, 1886
335,223	Hexamer, C. J	Alarms	Feb. 2, 1886
335,269	Brush, C. F	Cut-outs, mechanical	Feb. 2, 1886
335,275	Dyer, R. N	Telegraphy, printing	Feb. 2, 1886
335,285	Johnson, E. H	Locomotion	Feb. 2, 1886
335,294	McLaughlin, J. F	Telephones, electric	Feb. 2, 1886
335,321	Taylor, W	Telephones, mechanical	Feb. 2, 1886
335,325	Voelker, W. L	Magneto-electric	Feb. 2, 1886
335,326	Voelker, W. L	do	Feb. 2, 1886
335,355	Hering, C	do	Feb. 2, 1886
335,364	Keller, A. K. and Lyon, E. H	Telephones, electric	Feb. 2, 1886
335,368	Levison, W. G	Lights, arc	Feb. 2, 1886
335,372	Marcus, M. D. and Epsteyn, N. H	Telegraphy, fire, alarms and extinguishers	Feb. 2, 1886
335,417	Beidler, H. M	Medical and surgical, body-wear	Feb. 2, 1886
335,436	Doolittle, T. B	Telephones, systems	Feb. 2, 1886
335,459	Klostermann, F	Lights, arc	Feb. 2, 1886
335,482	Robbins, A. C	Telegraphy, printing	Feb. 2, 1886
335,495	Williams, J. B	Conductors	Feb. 2, 1886
335,499	Bradley, C. S. and Crocker, F. B	Heaters	Feb. 2, 1886
335,501	Burnley, W	Telephones, electric	Feb. 2, 1886
335,502	Burnley, W	do	Feb. 2, 1886
335,510	Dowling, N	do	Feb. 2, 1886
335,511	Dowling, N	do	Feb. 2, 1886
335,522	Houlehan, J	do	Feb. 2, 1886
335,547	Thomson, E	Regulators	Feb. 2, 1886
335,548	Thomson, E	Cut-outs, mechanical	Feb. 2, 1886
335,560	Bullock, C	Locomotion	Feb. 9, 1886
335,588	Jackson, C. A	Telephones, systems	Feb. 9, 1886
335,604	McLaughlin, J. C	Annunciators	Feb. 9, 1886
335,605	McNeal, A. C	Keys	Feb. 9, 1886

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335,637	Sherwood, A. T.	Medical and surgical, body-wear	Feb. 9, 1886
335,638	Sherwood, A. T.	do	Feb. 9, 1886
335,639	Sherwood, A. T.	do	Feb. 9, 1886
335,659	Van Depoele, C. J.	Regulators	Feb. 9, 1886
335,681	Cardwell, G. A.	Telegraphy, printing	Feb. 9, 1886
335,682	Cardwell, G. A. and Fitch, F. K.	do	Feb. 9, 1886
335,687	Drake, J. I.	Meters	Feb. 9, 1886
335,693	Gilliland, E. T.	Magneto-electric, hand-machines	Feb. 9, 1886
335,701	Holcomb, F. A.	Telegraphy, fire	Feb. 9, 1886
335,708	Lockwood, T. D.	Telephones, systems, automatic	Feb. 9, 1886
335,781	Sprague, F. J.	Motors	Feb. 9, 1886
335,786	Tesla, N.	Lights, arc	Feb. 9, 1886
335,787	Tesla, N.	do	Feb. 9, 1886
335,791	Alabaster, H. and Gatehouse, T. E.	Telephones, electric	Feb. 9, 1886
335,806	Freeman, W. P.	do	Feb. 9, 1886
335,831	Moses, O. A.	Lights, incandescent	Feb. 9, 1886
335,852	Thau, H.	Telegraphy, fire	Feb. 9, 1886
335,860	Warner, C. D.	Clocks	Feb. 9, 1886
335,863	Weis, J.	Motors	Feb. 9, 1886
335,905	Farmer, M. G.	Electrolysis	Feb. 9, 1886
335,929	Hoyt, A. G.	Telegraphy, circuits and systems	Feb. 9, 1886
335,934	Johnson, W. S. and Fortier, C. L.	Magneto-electric, hand-machines	Feb. 9, 1886
335,970	Skinner, C. E.	Applications, general	Feb. 9, 1886
335,996	Eschbach, F. L.	Motors	Feb. 9, 1886
335,998	Fisher, F. E.	do	Feb. 9, 1886
335,999	Fisher, F. E.	Bells	Feb. 9, 1886
336,000	Fisher, F. E.	Magneto-electric	Feb. 9, 1886
336,001	Fisher, F. E.	Annunciators	Feb. 9, 1886
336,002	Fisher, F. E.	Telephones, calls	Feb. 9, 1886
336,003	Fisher, F. E.	Circuit-closers	Feb. 9, 1886
336,004	Fisher, F. E.	Clocks	Feb. 9, 1886
336,018	Rigney, W. J. and Wolff, J.	Conductors	Feb. 9, 1886
336,030	Wiswell, J. C.	Electrolysis	Feb. 9, 1886
336,040	Drake, C. C.	Cut-outs, electro-magnetic	Feb. 9, 1886
336,078	Ball, C. E.	Alarms	Feb. 16, 1886
336,081	Bell, C. A.	Telephones, electric	Feb. 16, 1886
336,082	Bell, C. A.	do	Feb. 16, 1886
336,083	Bell, C. A.	Telephones, systems	Feb. 16, 1886
336,087	Brush, C. F.	Magneto-electric	Feb. 16, 1886
336,095	Davis, A. W. S.	Telephones, calls	Feb. 16, 1886
336,101	Gardner, E. M.	Batteries, secondary	Feb. 16, 1886
336,102	Gardner, E. M.	do	Feb. 16, 1886
336,132	Mott, S. D.	Meters	Feb. 16, 1886
336,133	Mott, S. D.	do	Feb. 16, 1886
336,173	Tainter, S.	Telephones, systems	Feb. 16, 1886
336,176	Tregoning, J.	Lights, arc	Feb. 16, 1886
336,184	Waterhouse, A. G.	do	Feb. 16, 1886
336,190	Whited, C. W.	Railway signals	Feb. 16, 1886
336,191	Wightman, M. J.	Lights, sockets and keys	Feb. 16, 1886
336,203	Bell, C. A.	Telephones, electric	Feb. 16, 1886
336,268	Thornberry, H. S.	do	Feb. 16, 1886
336,276	Wilson, J.	Insulators	Feb. 16, 1886
336,284	Bonsall, E.	Telegraphy, automatic	Feb. 16, 1886
336,329	Lavery, G. L.	Telephones, details	Feb. 16, 1886
336,337	Meeze, A. G.	Meters	Feb. 16, 1886
336,352	Roovers, A. H. and A. W. and Williams, P. G.	Batteries, galvanic	Feb. 16, 1886
336,402	Fisher, F. E.	Separators	Feb. 16, 1886
336,450	Valiant, P. F.	Medical and surgical, body-wear	Feb. 16, 1886
336,452	Van Depoele, C. J.	Lights, arc	Feb. 16, 1886
336,453	Van Depoele, C. J.	Locomotion	Feb. 16, 1886
336,479	Fontaine, A. S.	Annunciators	Feb. 16, 1886
336,503	Waterhouse, A. G.	Lights, arc	Feb. 16, 1886
336,510	Criado, L. F.	Lights, systems and appliances	Feb. 16, 1886
336,518	Humans, W.	Magneto-electric, hand-machines	Feb. 16, 1886
336,562	Gilliland, E. T.	Telephones, calls	Feb. 23, 1886
336,563	Gilliland, E. T.	Telephones, systems	Feb. 23, 1886
336,608	Watson, J. E.	Regulators	Feb. 23, 1886
336,622	Coffin, C. L.	Applications, general	Feb. 23, 1886
336,629	Daft, L.	Motors	Feb. 23, 1886
336,635	Gérard-Lescuyer, J. M. A.	Lights, arc	Feb. 23, 1886
336,636	Gérard-Lescuyer, J. M. A.	Magneto-electric	Feb. 23, 1886
336,637	Gérard-Lescuyer, J. M. A.	Lights, incandescent	Feb. 23, 1886
336,640	Hall, A. W.	Telephones, mechanical	Feb. 23, 1886
336,643	Holcombe, A. G.	Telegraphy, fire	Feb. 23, 1886
336,653	Maloney, J. A. and Johnson, A. G.	Keys	Feb. 23, 1886
336,658	Barrett, J. A.	Galvanometers	Feb. 23, 1886
336,701	Cox, H. F.	Railway signals	Feb. 23, 1886

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336,702	Cox, H. F.	Railway signals	Feb. 23, 1886
336,716	Hill, S. A.	Rheostats	Feb. 23, 1886
336,729	Main, W.	Lights, incandeseent	Feb. 23, 1886
336,731	Middleton, R. O.	Telephones, mechanical	Feb. 23, 1886
336,744	Randall, C. A.	Telephones, electric	Feb. 23, 1886
336,773	Weil, L.	Alarms	Feb. 23, 1886
336,780	Ball, R. E.	Regulators	Feb. 23, 1886
336,809	Holcombe, A. G.	Annunciators	Feb. 23, 1886
336,828	Travis, C. L.	Insulators	Feb. 23, 1886
336,876	Turnbull, W. C.	Telephones, electric	Feb. 23, 1886
336,877	Turnbull, W. C.	do	Feb. 23, 1886
336,897	Culp, J. D.	Medical and surgical, body-wear	Mar. 2, 1886
336,898	Culp, J. D.	Igniting devices, portable	Mar. 2, 1886
336,947	Robbins, A. L.	Friction generators	Mar. 2, 1886
336,961	Tesla, N.	Regulators	Mar. 2, 1886
336,962	Tesla, N.	do	Mar. 2, 1886
336,972	Wilson, J. C.	Telephones, calls	Mar. 2, 1886
336,989	Brownson, E. S.	Recorders	Mar. 2, 1886
336,992	Clark, H. A.	Conductors	Mar. 2, 1886
337,000	Holland, J. P.	Applications, tools and machines	Mar. 2, 1886
337,004	Maekie, R. and McCarty, N.	Systems of distribution	Mar. 2, 1886
337,005	Maekie, R.	Magneto-electric	Mar. 2, 1886
337,010	McCarty, N.	do	Mar. 2, 1886
337,041	Bain, F.	do	Mar. 2, 1886
337,042	Bain, F.	do	Mar. 2, 1886
337,045	Carter, J. W.	Batteries, galvanic	Mar. 2, 1886
337,067	Korfhage, C.	Alarms	Mar. 2, 1886
337,109	Allen, R. N.	Locomotion	Mar. 2, 1886
337,116	Baumau, H. G.	Alarms	Mar. 2, 1886
337,123	Borel, F. and Paceaude, E.	Meters	Mar. 2, 1886
337,198	Rebbeek, H. H.	Telegraphy, fire	Mar. 2, 1886
337,199	Robb, J. T.	Lights, systems and appliances	Mar. 2, 1886
337,229	Barry, C.	Railway signals	Mar. 2, 1886
337,231	Bergmann, S.	Telephones, electric	Mar. 2, 1886
337,232	Bergmann, S.	Telephones, magnetic	Mar. 2, 1886
337,254	Edison, T. A. and Bergmann, S.	Telephones, electric	Mar. 2, 1886
337,260	Hanlon, J. P. A., J. F. and G. O.	Connectors	Mar. 2, 1886
337,272	Ludwig, J. C.	Relays and sounders	Mar. 2, 1886
337,289	Wood, J. J.	Lights, arc	Mar. 2, 1886
337,296	Bergmann, S.	Lights, systems and appliances	Mar. 2, 1886
337,298	Brush, C. F.	Batteries, secondary	Mar. 2, 1886
337,299	Brush, C. F.	do	Mar. 2, 1886
337,314	Eils, B. E. J.	Telegraphy, duplex	Mar. 2, 1886
337,334	Jones, C. S., Crooker, W. W. and Artos, F.	Applications, general	Mar. 2, 1886
337,336	Klein, P. H., jr.	Lights, incandeseent	Mar. 2, 1886
337,356	Davis, D., jr., and Gale, G. F.	Telegraphy, fire	Mar. 2, 1886
337,385	Eastman, S.	Clocks	Mar. 9, 1886
337,416	Millard, G. W. and Clarke, J. H.	do	Mar. 9, 1886
337,417	Millard, G. W. and Clarke, J. H.	do	Mar. 9, 1886
337,418	Millard, G. W. and Clarke, J. H.	do	Mar. 9, 1886
337,419	Millard, G. W. and Clarke, J. H.	do	Mar. 9, 1886
337,439	Sanford, S. J.	Annunciators	Mar. 9, 1886
337,472	Allen, S. M.	Conductors, underground	Mar. 9, 1886
337,477	Brewer, H. J.	Batteries, galvanic	Mar. 9, 1886
337,513	Moxham, A. J.	Conductors	Mar. 9, 1886
337,543	Bacon, R. A.	Lights, systems and appliances	Mar. 9, 1886
337,558	Coerper, C.	Magneto-electric	Mar. 9, 1886
337,583	Himmer, V.	Clocks	Mar. 9, 1886
337,590	Kölzer, J.	Repeaters	Mar. 9, 1886
337,624	Schillinger, J. J.	Conductors, underground	Mar. 9, 1886
337,626	Sellner, L.	Telegraphy, circuits and systems	Mar. 9, 1886
337,628	Shallenberger, O. B.	Regulators	Mar. 9, 1886
337,679	Green, J. J.	Meters	Mar. 9, 1886
337,737	Buckley, W. F.	Lights, arc	Mar. 9, 1886
337,753	Dowling, N.	Telephones, details	Mar. 9, 1886
337,775	Loomis, O. P. and Cooley, H. W.	Regulators	Mar. 9, 1886
337,776	Loomis, O. P. and Cooley, H. W.	do	Mar. 9, 1886
337,777	Loomis, O. P. and Cooley, H. W.	Motors	Mar. 9, 1886
337,778	Mather, R. H.	Regulators	Mar. 9, 1886
337,793	Sprague, F. J.	Motors	Mar. 9, 1886
337,794	Sprague, F. J.	do	Mar. 9, 1886
337,796	Staus, H. F.	Circuit-closers	Mar. 9, 1886
337,797	Sweet, D. F.	Clocks	Mar. 9, 1886
337,803	Worth, A. B.	Applications, general	Mar. 9, 1886
337,804	Worth, A. B.	do	Mar. 9, 1886
337,824	Eldon, M. S.	Magneto-electric	Mar. 16, 1886
337,872	Russell, S.	Applications, tools and machines	Mar. 16, 1886

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337,873	Russell, S	Applications, tools and machines	Mar. 16, 1886
337,885	Stockwell, L. W	Magneto-electric	Mar. 16, 1886
337,896	Van Depoele, C. J	Regulators	Mar. 16, 1886
337,897	Van Depoele, C. J	Motors	Mar. 16, 1886
337,899	Van Depoele, C. J	Lights, incandescent	Mar. 16, 1886
337,923	Brown, H. P	Lights, systems and appliances	Mar. 16, 1886
337,931	Darling, W. H	Motors	Mar. 16, 1886
337,972	Miller, J	Telephones, details	Mar. 16, 1886
338,009	Yale, C. O., Holman, G. F. W. and Barnette, W. J.	Recorders	Mar. 16, 1886
338,022	Bentley, E. M	Locomotion	Mar. 16, 1886
338,023	Bentley, E. M	Motors	Mar. 16, 1886
338,080	Knight, W. H	Locomotion	Mar. 16, 1886
338,081	Knight, W. H	do	Mar. 16, 1886
338,082	Knight, W. H	do	Mar. 16, 1886
338,083	Knight, W. H	do	Mar. 16, 1886
338,084	Knight, W. H	Motors	Mar. 16, 1886
338,085	Knight, W. H	do	Mar. 16, 1886
338,090	Loomis, M	Thermostats	Mar. 16, 1886
338,115	Terry, S. H	Telegraph-poles	Mar. 16, 1886
338,120	Waldo, L	Galvanometers	Mar. 16, 1886
338,122	Walther, R. and H	Lights, arc	Mar. 16, 1886
338,131	Anderson, H	Connectors	Mar. 16, 1886
338,150	Green, G. F	Locomotion	Mar. 16, 1886
338,169	Forbes, G	Magneto-electric	Mar. 16, 1886
338,174	Knight, W. H	Locomotion	Mar. 16, 1886
338,175	Knight, W. H	do	Mar. 16, 1886
338,178	Lundstedt, O. E	Galvanometers	Mar. 16, 1886
338,194	Serson, J	Batteries, galvanic	Mar. 16, 1886
338,197	Snowberger, J	Magneto-electric	Mar. 16, 1886
338,208	Thomson, E. and Rice, E. W., jr	Cut-outs, thermal	Mar. 16, 1886
338,224	Green, G. F	Locomotion	Mar. 16, 1886
338,260	Gaiser, C. A	Electro-magnets	Mar. 23, 1886
338,261	Gaiser, C. A	do	Mar. 23, 1886
338,263	Guthrie, J. T	Telephones, electric	Mar. 23, 1886
338,292	Pennell, L. W	Recorders	Mar. 23, 1886
338,293	Pennell, L. W	do	Mar. 23, 1886
338,313	Sprague, F. J	Locomotion	Mar. 23, 1886
338,315	Tarbox, J. E. and Taylor, E. H	Recorders	Mar. 23, 1886
338,320	Van Depoele, C. J	Regulators	Mar. 23, 1886
338,321	Van Depoele, C. J	Magneto-electric	Mar. 23, 1886
338,323	Whited, C. W	Railway signals	Mar. 23, 1886
338,328	Winterhalder, L	Morse registers	Mar. 23, 1886
338,329	Wood, F. B	do	Mar. 23, 1886
338,333	Ball, R. E	Regulators	Mar. 23, 1886
338,343	Field, S. D	Telegraphy, dynamo	Mar. 23, 1886
338,344	Field, S. D	Telegraphy, printing	Mar. 23, 1886
338,352	Mayo, G. A	Lights, arc	Mar. 23, 1886
338,375	Van Depoele, C. J	Motors	Mar. 23, 1886
338,383	Batchelor, C	Magneto-electric	Mar. 23, 1886
338,439	Ray, W. F	Telegraphy, railway-car	Mar. 23, 1886
338,485	Clay, H. T	Locomotion	Mar. 23, 1886
338,491	Dann, J. E. and Lapp, J	Telephones, electric	Mar. 23, 1886
338,492	Dann, J. E. and Lapp, J	do	Mar. 23, 1886
338,518	Gilman, C. C	Conductors, underground	Mar. 23, 1886
338,522	Hastings, C. W	Applications, tools and machines	Mar. 23, 1886
338,542	McFighe, J. J	Lights, filaments and carbons	Mar. 23, 1886
338,549	Raworth, J. S	Galvanometers	Mar. 23, 1886
338,550	Raworth, J. S	Regulators	Mar. 23, 1886
338,551	Reinmann, A. L. and C. F	Lights, systems and appliances	Mar. 23, 1886
338,552	Reinmann, A. L	do	Mar. 23, 1886
338,556	Ries, E. E	Locomotion	Mar. 23, 1886
338,588	De Ferranti, S. Z	Meters	Mar. 23, 1886
338,593	Gordon, A. C	Telegraphy, fire, alarms and extinguishers	Mar. 23, 1886
338,596	Huber, J. L	Meters	Mar. 23, 1886
338,597	Huber, J. L	do	Mar. 23, 1886
338,619	Sprague, F. J	Locomotion	Mar. 23, 1886
338,620	Steiger, A. W	Telephones, mechanical	Mar. 23, 1886
338,622	Stout, G. H	Motors	Mar. 23, 1886
338,660	Dann, J. E. and Lapp, J	Telephones, electric	Mar. 23, 1886
338,663	Green, G. F	Locomotion	Mar. 23, 1886
338,683	Woodward, J. H	Batteries, galvanic	Mar. 23, 1886
338,691	Baldrige, G. W	Transmitters	Mar. 30, 1886
338,692	Ball, R. E	Magneto-electric	Mar. 30, 1886
338,697	Beers, J. L	Annunciators	Mar. 30, 1886
338,708	Brown, H. P. and F. H	Rheostats	Mar. 30, 1886
338,733	Habirshaw, W. M	Conductors	Mar. 30, 1886

No.	NAME.	CLASS.	DATE.
338,747	Holtzer, C. W.	Igniting devices	Mar. 30, 1886
338,748	Holtzer, C. W.	do	Mar. 30, 1886
338,752	Jönsson, O. F.	Cut-outs, electro-magnetic	Mar. 30, 1886
338,757	Lasar, G. H.	Transmitters	Mar. 30, 1886
338,770	Otto, G.	Batteries, galvanic	Mar. 30, 1886
338,773	Pond, C. H.	Clocks	Mar. 30, 1886
338,889	Turnbull, W. C.	Telephones, switches	Mar. 30, 1886
338,910	Ball, R. E.	Magneto-electric	Mar. 30, 1886
338,919	Brady, T. H.	Lights, systems and appliances	Mar. 30, 1886
338,920	Brady, T. H.	do	Mar. 30, 1886
338,927	Castro, A.	Railway-signals	Mar. 30, 1886
338,935	Davis, G. H.	Alarms	Mar. 30, 1886
338,938	De St. Aubin, C. A. A. T.	Telephones, switches	Mar. 30, 1886
338,941	Farmer, M. G.	Electrolysis	Mar. 30, 1886
338,971	Jägel, J. M.	Conductors	Mar. 30, 1886
338,976	Keegan, V. E.	Motors	Mar. 30, 1886
338,977	Keegan, V. E.	do	Mar. 30, 1886
338,983	Lamont, H.	Telephones, mechanical	Mar. 30, 1886
338,994	Maloney, J. A.	do	Mar. 30, 1886
338,995	Maloney, J. A.	do	Mar. 30, 1886
338,996	Maver, W., jr.	Telegraphy, quadruplex	Mar. 30, 1886
339,017	Schaeffer, G.	Separators	Mar. 30, 1886
339,018	Schlesinger, W. M.	Locomotion	Mar. 30, 1886
339,043	Coffee, A. J.	Telegraphy, fire, alarms and extinguishers	Mar. 30, 1886
339,058	Howell, J. W.	Galvanometers	Mar. 30, 1886
339,073	Pope, F. L.	Locomotion	Mar. 30, 1886
339,079	Thomson, E. and Rice, E. W.	Regulators	Mar. 30, 1886
339,092	Frieseke, A. C.	Recorders	Mar. 30, 1886
339,094	Grovesteen, M. W.	Alarms	Mar. 30, 1886
339,096	Haight, G. E. and Wood, W. H.	Steering and propulsion	Mar. 30, 1886
339,121	Turnbull, W. C.	Telephones, electric	Mar. 30, 1886
339,129	Baldrige, G. W.	Telegraphy, printing	Apr. 6, 1886
339,217	Schaefer, F.	Lights, sockets and keys	Apr. 6, 1886
339,218	Schaefer, F.	do	Apr. 6, 1886
339,253	Arnold, C. R.	Lights, incandescent	Apr. 6, 1886
339,264	Carey, J. E.	Clocks	Apr. 6, 1886
339,278	Edison, T. A.	Locomotion	Apr. 6, 1886
339,279	Edison, T. A.	Regulators	Apr. 6, 1886
339,298	Johnson, E. H.	Systems of distribution	Apr. 6, 1886
339,312	McCausland, W. J.	Telegraphy, printing	Apr. 6, 1886
339,341	Spalding, H. C.	Conductors, underground	Apr. 6, 1886
339,363	Belt, P. P.	Cut-outs, electro-magnetic	Apr. 6, 1886
339,371	Brady, T. H.	Lights, systems and appliances	Apr. 6, 1886
339,381	Coffee, A. J.	Recorders	Apr. 6, 1886
339,417	Horen, J.	Lightning-arresters	Apr. 6, 1886
339,431	Ladd, W. J.	Electrolysis	Apr. 6, 1886
339,449	Maver, W., jr.	Repeaters	Apr. 6, 1886
339,455	Shaffer, W. C.	Telegraphy, fire, alarms and extinguishers	Apr. 6, 1886
339,499	Thompson, S. P. and Jolin, P.	Telephones, electric	Apr. 6, 1886
339,500	Thompson, S. P.	Telephones, magnetic	Apr. 6, 1886
339,501	Thompson, S. P.	Telephones, electric	Apr. 6, 1886
339,540	Fraser, E. J.	Applications, general	Apr. 6, 1886
339,541	Fraser, E. J.	do	Apr. 6, 1886
339,558	Kenny, P.	Telegraphy, automatic	Apr. 6, 1886
339,625	Doolittle, T. B.	Telephones, systems	Apr. 13, 1886
339,626	Doolittle, T. B.	Telephones, switch-boards	Apr. 13, 1886
339,627	Doolittle, T. B.	Telephones, systems	Apr. 13, 1886
339,646	Hallidie, A. S.	Conductors	Apr. 13, 1886
339,672	Mason, G. A.	Magneto-electric, hand-machines	Apr. 13, 1886
339,688	Pond, C. H.	Clocks	Apr. 13, 1886
339,706	Smith, W. T.	Applications, general	Apr. 13, 1886
339,714	Thomson, E.	Lights, sockets and keys	Apr. 13, 1886
339,718	Warner, E. P.	Telephones, calls	Apr. 13, 1886
339,727	Atkins, E. C.	Applications, general	Apr. 13, 1886
339,745	Drawbaugh, D.	Telephones, electric	Apr. 13, 1886
339,754	Foote, A. R. S.	Lights, systems and appliances	Apr. 13, 1886
339,766	Hastings, H. N.	Telephones, details	Apr. 13, 1886
339,772	Hering, C.	Magneto-electric	Apr. 13, 1886
339,773	Hering, C.	do	Apr. 13, 1886
339,777	Howe, J.	Conductors	Apr. 13, 1886
339,787	Kendall, E. D.	do	Apr. 13, 1886
339,822	Swan, A.	Insulators	Apr. 13, 1886
339,826	Tengvall, A. O.	Valve-controllers	Apr. 13, 1886
339,839	Batchelor, C. and Walter, H. E.	Magneto-electric	Apr. 13, 1886
339,844	Beeler, J.	Conductors, underground	Apr. 13, 1886
339,888	Hinds, F. A.	Valve-controllers	Apr. 13, 1886
339,908	Macdonald, D. B. and Woodman, H. W.	Lights, arc	Apr. 13, 1886

No.	NAME.	CLASS.	DATE.
339,909	Maloney, J. A	Keys	Apr. 13, 1886
339,930	Reinmanu, A. L. and Ott, C. G	Lights, systems and appliances	Apr. 13, 1886
339,942	Short, S. H. and Nesmith, J. W	Locomotion	Apr. 13, 1886
339,955	Wharton, W., jr., and Samuel, E	do	Apr. 13, 1886
339,960	Wilson, J. C	Telegraphy, fire	Apr. 13, 1886
340,028	Blattau, J. A. and Boyden, G. A	Telephones, switches	Apr. 13, 1886
340,046	Hurlbut, D. N	Conductors, underground	Apr. 13, 1886
340,065	Stupakoff, S. H	Lights, arc	Apr. 13, 1886
340,130	Larish, J. W	Telegraphy, quadruplex	Apr. 20, 1886
340,134	Macready, R. A	Keys	Apr. 20, 1886
340,136	Maver, W., jr	Telegraphy, quadruplex	Apr. 20, 1886
340,137	Maver, W., jr	do	Apr. 20, 1886
340,182	Woolley, L. G	Lights, arc	Apr. 20, 1886
340,203	Firman, L. B	Telegraphy, fire	Apr. 20, 1886
340,210	Harkness, W	Telegraphy, fire, alarms and extinguishers	Apr. 20, 1886
340,395	Weston, E	Magneto-electric	Apr. 20, 1886
340,396	Weston, E	Lights, incandescent	Apr. 20, 1886
340,397	Weston, E	Lights, filaments and carbons	Apr. 20, 1886
340,398	Weston, E	Rheostats	Apr. 20, 1886
340,399	Weston, E	Galvanometers	Apr. 20, 1886
340,400	Weston, E	Lights, sockets and keys	Apr. 20, 1886
340,401	Weston, E	Cut-outs, mechanical	Apr. 20, 1886
340,402	Weston, E	Lights, filaments and carbons	Apr. 20, 1886
340,403	Weston, E	Galvanometers	Apr. 20, 1886
340,404	Weston, E	Lights, systems and appliances	Apr. 20, 1886
340,425	Cox, H. B	Telegraphy, railway-car	Apr. 20, 1886
340,426	Cox, H. B	Connectors	Apr. 20, 1886
340,431	Dorsett, D. H	Conductors, underground	Apr. 20, 1886
340,432	Dorsett, D. H	do	Apr. 20, 1886
340,433	Dorsett, D. H	do	Apr. 20, 1886
340,441	Horack, C. L	Alarms	Apr. 20, 1886
340,448	Little, F. P. and McDonald, W. H	Cut-outs, electro-magnetic	Apr. 20, 1886
340,449	Little, F. P. and McDonald, W. H	Rheostats	Apr. 20, 1886
340,460	Rogers, L. H	Electrolysis	Apr. 20, 1886
340,462	Siemens, E. W	Locomotion	Apr. 20, 1886
340,474	Armstrong, J. T	Batteries, galvanic	Apr. 20, 1886
340,483	Carey, J. E	Clocks	Apr. 20, 1886
340,512	Krautz, P	Lights, systems and appliances	Apr. 20, 1886
340,520	Potts, A	Telegraph-poles	Apr. 20, 1886
340,537	Adams, T. E	Magneto-electric	Apr. 27, 1886
340,538	Amet, E. H	Galvanometers	Apr. 27, 1886
340,539	Amet, E. H	Regulators	Apr. 27, 1886
340,618	Rogers, C. D	Telegraphy, fire	Apr. 27, 1886
340,684	Sprague, F. J	Locomotion	Apr. 27, 1886
340,685	Sprague, F. J	do	Apr. 27, 1886
340,698	Carlile, G. F	Telegraphy, railway-car	Apr. 27, 1886
340,707	Edison, T. A	Telephones, relays and repeaters	Apr. 27, 1886
340,708	Edison, T. A	Telephones, calls	Apr. 27, 1886
340,709	Edison, T. A. and Gilliland, E. T	Telephones, switches	Apr. 27, 1886
340,717	Holt, A. J	Lights, systems and appliances	Apr. 27, 1886
340,724	Morison, G. A	Telegraphy, fire, alarms and extinguishers	Apr. 27, 1886
340,724	Seaboldt, B	Insulators	Apr. 27, 1886
340,815	Payne, M. and Benson, D	Medical and surgical, body-wear	Apr. 27, 1886
340,853	Berliner, E	Telephones, electric	Apr. 27, 1886
340,868	Fairchild, J. M	Cut-outs, mechanical	Apr. 27, 1886
340,890	Miller, J. A	Thermostats	Apr. 27, 1886
340,911	Glass, G. H. and Clark, W	Telephones, systems	Apr. 27, 1886
340,912	Glass, G. H. and Clark, W	Telephones, calls	Apr. 27, 1886
340,931	Brooks, D., jr	Conductors, anti-inductive	Apr. 27, 1886
341,000	Guthrie, J. T	Telephones, magnetic	May 4, 1886
341,058	Schlesinger, W. M	Locomotion	May 4, 1886
341,059	Schlesinger, W. M	Lights, systems and appliances	May 4, 1886
341,092	Butz, A. M	Valve-controllers	May 4, 1886
341,097	DeFerranti, S. Z	Magneto-electric	May 4, 1886
341,110	Ross, J. S	Clocks	May 4, 1886
341,111	Ross, J. S	do	May 4, 1886
341,114	Wilson, J. C	Telegraphy, fire	May 4, 1886
341,115	Wilson, J. C	do	May 4, 1886
341,128	Burton, G. D	Connectors	May 4, 1886
341,213	Bell, A. G. and C. A., and Tainter, S	Telephones, radiophones	May 4, 1886
341,214	Bell, C. A. and Tainter S	Telephones, electric	May 4, 1886
341,259	Marshall, W	do	May 4, 1886
341,263	McLaughlin, J. F	do	May 4, 1886
341,264	McLaughlin, J. F	do	May 4, 1886
341,287	Tainter, S	do	May 4, 1886
341,289	Temple, E. B	Cut-outs, thermal	May 4, 1886
341,291	Tisdale, C. D	Railway signals	May 4, 1886

No.	NAME.	CLASS.	DATE.
341,293	Vanstone, S	Circuit-closers	May 4, 1886
341,303	Woolley, L. G	Magneto-electric	May 4, 1886
341,368	Amet, E. H	Valve-controllers	May 4, 1886
341,370	Brown, F. H	Telephones, magnetic	May 4, 1886
341,380	Hey, G. W. and Laass, E	Applications, tools and machines	May 4, 1886
341,384	Lüngen, A	Cut-outs, thermal	May 4, 1886
341,449	Carey, J. E	Clocks	May 11, 1886
341,450	Carey, J. E	do	May 11, 1886
341,460	Cross, F	Alarms, burglar	May 11, 1886
341,519	Stuart, C. J	Telephones, details	May 11, 1886
341,536	Zalinski, E. L	Applications, tools and machines	May 11, 1886
341,537	Zalinski, E. L	do	May 11, 1886
341,552	Carter, J. W., jr	Batteries, galvanic	May 11, 1886
341,553	Clark, H. F	Railway signals	May 11, 1886
341,565	Finck, J	Igniting devices	May 11, 1886
341,566	Finck, J	do	May 11, 1886
341,573	Harrington, S. H	Car-brakes	May 11, 1886
341,579	Johnson, E. H	Telephones, electric	May 11, 1886
341,593	McGinnis, W. T	Medical and surgical, body-wear	May 11, 1886
341,600	Pitkin, J	Batteries, secondary	May 11, 1886
341,620	Woolley, L. G	Lights, incandescent	May 11, 1886
341,644	Edison, T. A	do	May 11, 1886
341,654	Healy, C. L	Telegraphy, printing	May 11, 1886
341,655	Healy, C. L	do	May 11, 1886
341,656	Healy, C. L	do	May 11, 1886
341,666	Le Grande, W. W	Railway-signals	May 11, 1886
341,694	Rollins, E. K	Alarms	May 11, 1886
341,723	Bergmann, S	Cut-outs, mechanical	May 11, 1886
341,727	Cabell, S. G	Applications, general	May 11, 1886
341,778	Stieringer, L	Lights, incandescent	May 11, 1886
341,788	Arnold, J. McK	Applications, general	May 11, 1886
341,822	Walcher-Uysdal, R. R. v	Indicators	May 11, 1886
341,839	Edison, T. A	Lights, incandescent	May 11, 1886
341,860	Sorley, C	Batteries, secondary	May 11, 1886
341,873	Bayles, H. B	Lights, systems and appliances	May 18, 1886
341,882	Cogswell A. F., Young, W. and Haldeman, J. R.	Igniting devices	May 18, 1886
341,907	Harris, A. C	Batteries, galvanic	May 18, 1886
341,909	Hess, A. T	Annunciators	May 18, 1886
341,918	Jönsson, O. F	Meters	May 18, 1886
341,926	Lenaerts, L. and L'Olivier, H	Alarms	May 18, 1886
341,981	Woolson, O. C	Magneto-electric	May 18, 1886
341,990	Batchelor, C	do	May 18, 1886
341,997	Crossley, L. J. and Hicks, J. J	Lights, incandescent	May 18, 1886
342,013	Holtzer, C. W	Recorders	May 18, 1886
342,018	Johnson, W. S	Valve-controllers	May 18, 1886
342,086	Haenichen, F. and O	Clocks	May 18, 1886
342,114	Martin, M	Thermostats	May 18, 1886
342,157	Willis, V	Keys	May 18, 1886
342,246	Enos, J. A	Locomotion	May 18, 1886
342,280	Burdick, J. R	Conductors, underground	May 18, 1886
342,320	Blake, E. C. and Trimmell, E. C	Insulators	May 25, 1886
342,324	Brandon, A	Conductors, underground	May 25, 1886
342,340	Dudley, W. J	Telephones, calls	May 25, 1886
342,385	Remington, W. H	Batteries, secondary	May 25, 1886
342,395	Shaver, G. F	Telephones, mechanical	May 25, 1886
342,407	Walter, H	Batteries, galvanic	May 25, 1886
342,421	Birmingham, D. W	Separators	May 25, 1886
342,441	Jenney, C. D	Magneto-electric	May 25, 1886
342,459	Pendleton, J. H	Locomotion	May 25, 1886
342,468	Seligman, H	Telephones, mechanical	May 25, 1886
342,475	Swan, F. A	Galvanometers	May 25, 1886
342,477	Tanner, N. A	Telephones, details	May 25, 1886
342,481	Tilden, J. A	Recorders	May 25, 1886
342,495	Barker, A. A	Applications, general	May 25, 1886
342,499	Crandell, W. C., jr	Railway signals	May 25, 1886
342,504	Eickemeyer, R	Magneto-electric	May 25, 1886
342,508	Gardner, E. M	Batteries, galvanic	May 25, 1886
342,523	Libbey, H. W	Conductors	May 25, 1886
342,548	Walker, A. O	Applications, general	May 25, 1886
342,549	Ward, J. H. R. and Jenks, W. J	Cut-outs, electro-magnetic	May 25, 1886
342,552	Westinghouse, G., jr	Systems of distribution	May 25, 1886
342,553	Westinghouse, G., jr	Induction-coils	May 25, 1886
342,576	Chase, S. A	Relays and sounders	May 25, 1886
342,587	Eickemeyer, R	Magneto-electric	May 25, 1886
342,588	Eickemeyer, R	do	May 25, 1886
342,589	Eickemeyer, R	do	May 25, 1886
342,594	Gibson, C. D. P	Batteries, secondary	May 25, 1886

No.	NAME.	CLASS.	DATE.
342,666	Williams, J. T	Locomotion	May 25, 1886
342,694	Hoard, J. W. and F. R	Conductors	May 25, 1886
342,709	Ruenzi, J. W	Alarms	May 25, 1886
342,748	Howell, J. W	Systems of distribution	May 25, 1886
342,751	Johnson, E. H	Connectors	May 25, 1886
342,775	Beale, A	Telephones, electric	June 1, 1886
342,777	Cardew, P	Galvanometers	June 1, 1886
342,872	Leigh, E. and Townend, T	Valve-controllers	June 1, 1886
342,881	Shelbourne, S. F	Telephones, relays and repeaters	June 1, 1886
342,892	Acheson, E. G	Conductors	June 1, 1886
342,947	Beale, A. M. A	Induction coils	June 1, 1886
343,008	Clarke, C. L	Electro-magnets	June 1, 1886
343,014	Dann, J. E. and Lapp, J	Anti-induction devices	June 1, 1886
343,017	Edison, T. A	Systems of distribution	June 1, 1886
343,042	Mallett, E. J	Telegraphy, printing	June 1, 1886
343,043	Mallett, E. J	Telegraphy, automatic	June 1, 1886
343,044	Mallett, E. J	do	June 1, 1886
343,053	Morse, P. C	Valve-controllers	June 1, 1886
343,076	Short, S. H	Locomotion	June 1, 1886
343,081	Smith, J. J. C. and M	Conductors	June 1, 1886
343,082	Smith, J. J. C. and M	do	June 1, 1886
343,083	Smith, J. J. C	do	June 1, 1886
343,084	Smith, M	do	June 1, 1886
343,087	Stieringer, L. and Vail, J. H	Lights, systems and appliances	June 1, 1886
343,095	Williams, C. W	Telegraphy, railway-car	June 1, 1886
343,099	Acheson, E. G	Conductors	June 1, 1886
343,101	Bentley, E. M	Locomotion	June 1, 1886
343,129	Ketchum, A. G	Magneto-electric	June 1, 1886
343,169	Gleason, J. J	Indicators	June 8, 1886
343,176	Higham, E. T. and D	Motors	June 8, 1886
343,188	Moses, O. A	Lights, are	June 8, 1886
343,227	Cutten, E. B	Electro-magnets	June 8, 1886
343,240	Harrell, J. J	Heaters	June 8, 1886
343,242	Jönsson, O. F	Lights, are	June 8, 1886
343,266	Bernstein, A	Cut-outs, mechanical	June 8, 1886
343,293	Bowen, C. H	Conductors	June 8, 1886
343,313	Heinze, L	Lights, sockets and keys	June 8, 1886
343,319	Jenkin, F	Locomotion	June 8, 1886
343,332	Munson, A. J	Lightning-rods	June 8, 1886
343,334	McLaughlin, J. F	Telephones, magnetic	June 8, 1886
343,354	Wyckoff, A	Conductors, underground	June 8, 1886
343,372	Hoffman, H. H	Alarms, burglar	June 8, 1886
343,373	Holcombe, A. G	Regulators	June 8, 1886
343,374	Holcombe, A. G	Annunciators	June 8, 1886
343,392	Pendleton, J. M	Batteries, secondary, applications	June 8, 1886
343,393	Pendleton, J. M	do	June 8, 1886
343,394	Pendleton, J. M	do	June 8, 1886
343,444	Doyle, J	Motors	June 8, 1886
343,449	Gilliland, E. T	Telephones, magnetic	June 8, 1886
343,450	Grove, J. R	Meters	June 8, 1886
343,458	Hull, G. S	Conductors, underground	June 8, 1886
343,468	Maloney, J. A	Relays and sounders	June 8, 1886
343,469	Maloney, J. A	Keys	June 8, 1886
343,487	Paine, H. M	Motors	June 8, 1886
343,515	Burton, G. D	Connectors	June 8, 1886
343,602	Pfanukuche, G. and A	Induction-coils	June 15, 1886
343,603	Pfanukuche, G. and A	Systems of distribution	June 15, 1886
343,620	Wright, G. A	Medical and surgical, body-wear	June 15, 1886
343,642	Kissell, A. S	Valve-controllers	June 15, 1886
343,651	Sperry, E. A	Conductors	June 15, 1886
343,676	Shelbourne, S. F	Conductors, anti-inductive	June 15, 1886
343,687	Baulieu, W. J	Telegraphy, fire, alarms and extinguishers	June 15, 1886
343,691	Baulieu, W. J	do	June 15, 1886
343,719	Miller, S	Locomotion	June 15, 1886
343,738	Smith, J. E	Telegraphy, fire	June 15, 1886
343,742	Thompson, G. F	Keys	June 15, 1886
343,811	Golitzinsky, V. V. and Rymascheffski, P. O	Lights, are	June 15, 1886
343,863	Smith, W. C	Bells	June 15, 1886
343,868	Tomney, J	Alarms, burglar	June 15, 1886
343,869	Tomney, J	do	June 15, 1886
343,884	Bentley, E. M	Locomotion	June 15, 1886
343,886	Brusb, C. F	Regulators	June 15, 1886
343,930	Tacy, S. H	Magneto-electric	June 15, 1886
343,939	Wilson, D. H	Applications, general	June 15, 1886
343,953	Field, S. D	Telegraphy, dynamo	June 15, 1886
343,976	Lange, P	Clocks	June 15, 1886
344,067	Turubull, W. C	Telephones, magnetic	June 22, 1886

No.	NAME.	CLASS.	DATE.
344,072	Bailie, W. L. and Mills, G. H.	Annunciators	June 22, 1886
344,073	Ball, J.	Applications, tools and machines	June 22, 1886
344,096	Foy, E. A.	Lightning-rods	June 22, 1886
344,099	Gedge, B. H.	Railway signals	June 22, 1886
344,100	Gedge, B. H.	do	June 22, 1886
344,121	Mayers, W. S.	Indicators	June 22, 1886
344,153	Barrier, J. J. and De Lavernède, F. T.	Telephones, electric	June 22, 1886
344,170	Delmage, W. A.	Applications, general	June 22, 1886
344,188	McCarty, N.	Lights, arc	June 22, 1886
344,233	Barnes, C. M.	Annunciators	June 22, 1886
344,252	Dales, J. R. and Markland, W. H.	Lights, arc	June 22, 1886
344,260	Elieson, C. P.	Transmission of power	June 22, 1886
344,262	Emley, J. E.	Motors	June 22, 1886
344,318	Jones, F. W.	Telegraphy, duplex	June 22, 1886
344,324	Munsie, J. F.	Conductors, underground	June 22, 1886
344,333	Turnbull, W. C.	Telephones, magnetic	June 22, 1886
344,343	Buell, C. E.	Lights, incandescent	June 29, 1886
344,344	Buell, C. E.	Systems of distribution	June 29, 1886
344,345	Case, W. E.	Batteries, galvanic	June 29, 1886
344,346	Case, W. E.	do	June 29, 1886
344,347	Case, W. E.	do	June 29, 1886
344,351	Crandall, L. S.	Transmitters	June 29, 1886
344,358	Dickens, S. T.	Alarms, burglar	June 29, 1886
344,417	Slattery, M. M. M.	Lights, sockets and keys	June 29, 1886
344,425	Van Depoele, C. J.	Locomotion	June 29, 1886
344,430	Wilson, J. C.	Keys	June 29, 1886
344,467	Wilson, J. C.	Telegraphy, fire	June 29, 1886
344,505	Stewart, G. W.	Relays and sounders	June 29, 1886
344,514	Berliner, E.	Telephones, electric	June 29, 1886
344,523	Gates, W. L.	Batteries, galvanic	June 29, 1886
344,532	Jones, W. A.	Lights, systems and appliances	June 29, 1886
344,542	Parsons, C. A.	Magneto-electric	June 29, 1886
344,642	Doriot, C.	Lights, arc	June 29, 1886
344,643	Doriot, C.	Motors	June 29, 1886
344,652	Hammerstein, G. J.	Lights, systems and appliances	June 29, 1886
344,679	Recordon, E. F.	Motors	June 29, 1886
344,692	Thomson, E. and Rice, E. W., jr	Lights, sockets and keys	June 29, 1886
344,720	Carpenter, F. R.	Separators	June 29, 1886
344,732	Fondersmith, H.	Conductors, underground	June 29, 1886
344,736	Hinckley, H.	Car-brakes	June 29, 1886
344,750	Platt, W. S.	Batteries, galvanic	June 29, 1886
344,755	Stitzel, F. and Weinedel, C.	Railway signals	June 29, 1886
344,764	Woodward, A. T.	Conductors, underground	June 29, 1886
344,772	Cuttriss, C.	Telegraphy, automatic	June 29, 1886
344,801	Freeman, W. E.	Magneto-electric	June 29, 1886
344,802	Freeman, W. E.	Lights, arc	June 29, 1886

REISSUES.

10,663	Drake, C. C.	Cut-outs, electro-magnetic, reissue of 280,916	Nov. 24, 1885
10,711	Hess, A. T.	Annunciators, reissue of 238,570	Apr. 13, 1886
10,720	Haenichen, F. and O.	Clocks, reissue of 316,360	May 11, 1886
10,738	Romanze, O.	Lights, arc, reissue of 330,351	June 22, 1886

APPENDIX No. V.

PART III.

CONSISTING OF A

ALPHABETICAL INDEX OF ALL PATENTS

RELATING TO

ELECTRICITY

Issued from July 1, 1885, to June 30, 1886, inclusive, giving names of Inventors,
numbers and dates of Patents, and the sub-class to which each belongs.

ALPHABETICAL INDEX

OF

PATENTS RELATING TO ELECTRICITY

FROM JULY 1, 1885, TO JUNE 30, 1886.

No.	NAME.	CLASS.	DATE.
342,892	Acheson, E. G	Conductors	June 1, 1886
343,099	Acheson, E. G	do	June 1, 1886
335,102	Adams, J. S	Lights, systems and appliances	Feb. 2, 1886
340,537	Adams, T. E	Magneto-electric	Apr. 27, 1886
329,874	Ahearn, T.	Recorders	Nov. 10, 1885
335,791	Alabaster, H. and Gatehouse, T. E.	Telephones, electric	Feb. 9, 1886
327,375	Allen, J. G	Lights, arc	Sept. 29, 1885
337,109	Allen, R. N	Locomotion	Mar. 2, 1886
337,472	Allen, S. M	Conductors, underground	Mar. 9, 1886
326,933	Amet, E. H	Valve-controllers	Sept. 29, 1885
326,934	Amet, E. H	do	Sept. 29, 1885
328,556	Amet, E. H	do	Oct. 20, 1885
340,538	Amet, E. H	Galvanometers	Apr. 27, 1886
340,539	Amet, E. H	Regulators	Apr. 27, 1886
341,368	Amet, E. H	Valve-controllers	May 4, 1886
335,171	Anderson, G. K	Telegraphy, printing	Feb. 2, 1886
338,131	Anderson, H.	Connectors	Mar. 16, 1886
340,474	Armstrong, J. T	Batteries, galvanic	Apr. 20, 1886
328,831	Arnold, C. R	Lights, sockets and keys	Oct. 20, 1885
328,832	Arnold, C. R	Lights, systems and appliances	Oct. 20, 1885
339,253	Arnold, C. R	Lights, incandescent	Apr. 6, 1886
341,788	Arnold, J. McK	Applications, general	May 11, 1886
324,799	Athearn, W. E	Telegraphy, duplex	Aug. 25, 1885
339,727	Atkins, E. C	Applications, general	Apr. 13, 1886
331,754	Atkinson, P	Friction generators	Dec. 8, 1885
334,153	Babcock, G. H	Applications, tools and machines	Jan. 12, 1886
334,154	Babcock, G. H	do	Jan. 12, 1886
324,635	Baeon, M	Indicators	Aug. 18, 1885
337,548	Baeon, R. A	Lights, systems and appliances	Mar. 9, 1886
332,987	Bailey, H. L	Clocks	Dec. 22, 1885
331,674	Bailey, R. A	Valve-controllers	Dec. 1, 1885
344,072	Baillie, W. L. and Mills, G. H	Annunciators	June 22, 1886
337,041	Bain, F	Magneto-electric	Mar. 2, 1886
337,042	Bain, F	do	Mar. 2, 1886
338,691	Baldrige, G. W	Transmitters	Mar. 30, 1886
339,129	Baldrige, G. W	Telegraphy, printing	Apr. 6, 1886
336,078	Ball, C. E	Alarms	Feb. 16, 1886
329,118	Ball, C. M	Regulators	Oct. 27, 1885
344,073	Ball, J	Applications, tools and machines	June 22, 1886
336,780	Ball, R. E	Regulators	Feb. 23, 1886
338,333	Ball, R. E	do	Mar. 23, 1886
338,692	Ball, R. E	Magneto-electric	Mar. 30, 1886
338,910	Ball, R. E	do	Mar. 30, 1886
330,368	Barbier, R. P	Telephones, systems	Nov. 17, 1885
342,495	Barker, A. A	Applications, general	May 25, 1886
344,233	Barnes, C. M	Annunciators	June 22, 1886
323,625	Barnes, R. F	Lights, systems and appliances	Aug. 4, 1885
332,319	Barrett, J. A	Conductors, underground	Dec. 15, 1885
336,688	Barrett, J. A	Galvanometers	Feb. 23, 1886
344,153	Barrier, J. J. and De Lavernède F. T.	Telephones, electric	June 22, 1886
337,229	Barry, C	Railway signals	Mar. 2, 1886
329,698	Barry, J	Thermostats	Nov. 3, 1885
338,383	Batchelor, C.	Magneto-electric	Mar. 23, 1886
341,990	Batchelor, C.	do	May 18, 1886
339,839	Batchelor, C. and Walter, H. E	do	Apr. 13, 1886
343,687	Baulieu, W. J	Telegraphy, fire, alarms and extinguishers	June 15, 1886
343,691	Baulieu, W. J	do	June 15, 1886
337,116	Bauman, H. G	Alarms	Mar. 2, 1886
341,873	Bayles, H. B	Lights, systems and appliances	May 18, 1886

No.	NAME.	CLASS.	DATE.
342,775	Beale, A	Telephones, electric	June 1, 1886
342,947	Beale, A. M. A	Induction-coils	June 1, 1886
334,158	Beard, G. W	Applications, general	Jan. 12, 1886
322,033	Beck, C. F	Lights, arc	July 14, 1885
329,001	Beedy, S. E	Telephones, electric	Oct. 27, 1885
339,844	Beeler, J	Conductors, underground	Apr. 13, 1886
338,697	Beers, J. L	Annunciators	Mar. 30, 1886
335,417	Beidler, H. M	Medical and surgical, body-wear	Feb. 2, 1886
341,213	Bell, A. G. and C. A., and Tainter, S	Telephones, radiophones	May 4, 1886
336,081	Bell, C. A	Telephones, electric	Feb. 16, 1886
336,082	Bell, C. A	do	Feb. 16, 1886
336,083	Bell, C. A	Telephones, systems	Feb. 16, 1886
336,203	Bell, C. A	Telephones, electric	Feb. 16, 1886
341,214	Bell, C. A. and Tainter, S	do	May 4, 1886
339,363	Belt, P. P	Cut-outs, electro-magnetic	Apr. 6, 1886
334,069	Bentley, C. D	Telephones, mechanical	Jan. 12, 1886
322,517	Bentley, E. M	Locomotion	July 21, 1885
338,022	Bentley, E. M	do	Mar. 16, 1886
338,023	Bentley, E. M	Motors	Mar. 16, 1886
343,101	Bentley, E. M	Locomotion	June 1, 1886
343,884	Bentley, E. M	do	June 15, 1886
329,618	Benton, C. H	Lights, sockets and keys	Nov. 3, 1885
337,231	Bergmann, S	Telephones, electric	Mar. 2, 1886
337,232	Bergmann, S	Telephones, magnetic	Mar. 2, 1886
337,296	Bergmann, S	Lights, systems and appliances	Mar. 2, 1886
341,723	Bergmann, S	Cut-outs, mechanical	May 11, 1886
340,853	Berliner, E	Telephones, electric	Apr. 27, 1886
344,514	Berliner, E	do	June 29, 1886
343,266	Bernstein, A	Cut-outs, mechanical	June 8, 1886
331,275	Beyerlen, A	Telegraphy, printing	Dec. 1, 1885
342,421	Birmingham, D. W	Separators	May 25, 1886
324,356	Black, W. T	Telephones, mechanical	Aug. 18, 1885
342,320	Blake, E. C. and Trimmell, E. C	Insulators	May 25, 1886
340,028	Blattau, J. A. and Boyden, G. A	Telephones, switches	Apr. 13, 1886
324,808	Bobrick, G. A	Alarms	Aug. 25, 1885
333,815	Body, M	Electrolysis	Jan. 5, 1886
331,609	Boissier, H. R	do	Dec. 1, 1885
335,105	Boissier, H. R	Magneto-electric	Feb. 2, 1886
323,108	Bollmann, L	do	July 28, 1885
336,284	Bonsall, E	Telegraphy, automatic	Feb. 16, 1886
333,816	Bonta, J. W	Telephones, electric	Jan. 5, 1886
337,123	Borel, F. and Paccand, E	Meters	Mar. 2, 1886
321,788	Bossard, A	Lights, systems and appliances	July 7, 1885
343,293	Bowen, C. H	Conductors	June 8, 1886
324,978	Bowman, A. H	Lights, arc	Aug. 25, 1885
332,480	Boyle, J. C	Indicators	Dec. 15, 1885
335,499	Bradley, C. S. and Crocker, T. B.	Heaters	Feb. 2, 1886
324,075	Bradley, J. J	Magneto-electric	Aug. 11, 1885
323,105	Bradley, S	Lightning-rods	July 28, 1885
328,447	Brady, E. L	Systems of distribution	Oct. 13, 1885
338,919	Brady, T. H	Lights, systems and appliances	Mar. 30, 1886
338,920	Brady, T. H	do	Mar. 30, 1886
339,371	Brady, T. H	do	Apr. 6, 1886
342,324	Brandon, A	Conductors, underground	May 25, 1886
323,902	Brewer, H. J	Batteries, galvanic	Aug. 11, 1885
323,903	Brewer, H. J	do	Aug. 11, 1885
323,904	Brewer, H. J	do	Aug. 11, 1885
323,905	Brewer, H. J	do	Aug. 11, 1885
337,477	Brewer, H. J	do	Mar. 9, 1886
327,997	Briggs, A. E	Annunciators	Oct. 13, 1885
325,495	Brooks, D	Conductors, underground	Sept. 1, 1885
340,931	Brooks, D., jr	Conductors, anti-inductive	Apr. 27, 1886
323,269	Brooks, M. and Mason, H. R	Telephones, systems	July 28, 1885
324,746	Brown, F. H	Telegraphy, circuits and systems	Aug. 18, 1885
341,370	Brown, F. H	Telephones, magnetic	May 4, 1886
324,530	Brown, F. M	Lights, sockets and keys	Aug. 18, 1885
325,389	Brown, H. P	Lights, systems and appliances	Sept. 1, 1885
325,390	Brown, H. P	do	Sept. 1, 1885
325,391	Brown, H. P	do	Sept. 1, 1885
330,463	Brown, H. P	Electro-magnets	Nov. 17, 1885
330,464	Brown, H. P	Lights, systems and appliances	Nov. 17, 1885
330,465	Brown, H. P	do	Nov. 17, 1885
330,466	Brown, H. P	Cut-outs, electro-magnetic	Nov. 17, 1885
337,923	Brown, H. P	Lights, systems and appliances	Mar. 16, 1886
338,708	Brown, H. P. and F. H	Rheostats	Mar. 30, 1886
336,989	Brownson, E. S	Recorders	Mar. 2, 1886
329,808	Bruns, C. L	Cut-outs, electro-magnetic	Nov. 3, 1885

No.	NAME.	CLASS.	DATE.
331,764	Brush, C. F.	Lights, incandescent	Dec. 8, 1885
335,269	Brush, C. F.	Cut-outs, mechanical	Feb. 2, 1886
336,087	Brush, C. F.	Magneto-electric	Feb. 16, 1886
337,293	Brush, C. F.	Batteries, secondary	Mar. 2, 1886
337,299	Brush, C. F.	do	Mar. 2, 1886
343,886	Brush, C. F.	Regulators	June 15, 1886
337,737	Buckley, W. F.	Lights, arc	Mar. 9, 1886
344,343	Buell, C. E.	Lights, incandescent	June 29, 1886
344,344	Buell, C. E.	Systems of distribution	June 29, 1886
333,443	Bulen, G. F.	Thermostats	Dec. 29, 1885
335,560	Bullock, C.	Locomotion	Feb. 9, 1886
325,653	Bunnell, J. H.	Connectors	Sept. 8, 1885
332,047	Burdick, J. R.	Conductors, underground	Dec. 8, 1885
342,280	Burdick, J. R.	do	May 18, 1886
327,919	Burmam, J.	Alarms, burglar	Oct. 6, 1885
326,268	Burnley, W.	Telephones, magnetic	Sept. 15, 1885
326,269	Burnley, W.	Telephones, electric	Sept. 15, 1885
326,270	Burnley, W.	Induction-coils	Sept. 15, 1885
335,501	Burnley, W.	Telephones, electric	Feb. 2, 1886
335,502	Burnley, W.	do	Feb. 2, 1886
322,895	Burton, G. D.	Lights, arc	July 28, 1885
341,128	Burton, G. D.	Connectors	May 4, 1886
343,515	Burton, G. D.	do	June 8, 1886
341,092	Butz, A. M.	Valve-controllers	May 4, 1886
329,621	Byllesby, H. M.	Systems of distribution	Nov. 3, 1885
341,727	Cabell, S. G.	Applications, general	May 11, 1886
324,358	Cabot, J. A.	Telephones, switches	Aug. 18, 1885
324,979	Cabot, J. A.	Lights, sockets and keys	Aug. 25, 1885
324,980	Cabot, J. A.	Cut-outs, electro-magnetic	Aug. 25, 1885
324,981	Cabot, J. A.	Lights, filaments and carbons	Aug. 25, 1885
333,194	Cain, J.	Lights, arc	Dec. 29, 1885
333,727	Campbell, J. H.	Lights, systems and appliances	Jan. 5, 1886
329,887	Caples, H. L. and Lewis, W. W.	Conductors, underground	Nov. 10, 1885
334,637	Card, G. F.	Car-brakes	Jan. 19, 1886
342,777	Cardew, P.	Galvanometers	June 1, 1886
335,681	Cardwell, G. A.	Telegraphy, printing	Feb. 9, 1886
335,682	Cardwell, G. A. and Fitch, F. K.	do	Feb. 9, 1886
334,745	Carey, J. E.	Clocks	Jan. 26, 1886
339,264	Carey, J. E.	do	Apr. 6, 1886
340,483	Carey, J. E.	do	Apr. 20, 1886
341,449	Carey, J. E.	do	May 11, 1886
341,450	Carey, J. E.	do	May 11, 1886
324,225	Carhart, E. M.	Conductors	Aug. 11, 1885
340,698	Carlile, G. F.	Telegraphy, railway-car	Apr. 27, 1886
341,720	Carpenter, F. R.	Separators	June 29, 1886
337,045	Carter, J. W.	Batteries, galvanic	Mar. 2, 1886
341,552	Carter, J. W., jr.	do	May 11, 1886
344,345	Case, W. E.	do	June 29, 1886
344,346	Case, W. E.	do	June 29, 1886
344,347	Case, W. E.	do	June 29, 1886
322,681	Casey, T. A.	Magnetic locks and bolts	July 21, 1885
322,900	Castro, A.	Steering and propulsion	July 28, 1885
338,927	Castro, A.	Railway signals	Mar. 30, 1886
332,638	Chase, S. A.	Telegraphy, fire, alarms and extinguishers	Dec. 15, 1885
342,576	Chase, S. A.	Relays and sounders	May 25, 1886
333,110	Clark, E.	Conductors	Dec. 29, 1885
333,111	Clark, E.	do	Dec. 29, 1885
333,394	Clark, E. and Richards, T. A.	do	Dec. 29, 1885
330,095	Clark, E. P.	Magneto-electric	Nov. 10, 1885
336,992	Clark, H. A.	Conductors	Mar. 2, 1886
341,553	Clark, H. F.	Railway-signals	May 11, 1886
324,008	Clark, J. E. L. and W. J. K., and Bowman, R. D.	Lights, arc	Aug. 11, 1885
324,009	Clarke, C. L.	Igniting devices, portable	Aug. 11, 1885
324,010	Clarke, C. L.	Friction generators	Aug. 11, 1885
327,525	Clarke, C. L.	Valve-controllers	Oct. 6, 1885
327,526	Clarke, C. L.	Clocks	Oct. 6, 1885
327,527	Clarke, C. L.	do	Oct. 6, 1885
327,657	Clarke, C. L.	Circuit-closers	Oct. 6, 1885
343,008	Clarke, C. L.	Electro-magnets	June 1, 1886
327,381	Clay, H. T.	Locomotion	Sept. 29, 1885
338,485	Clay, H. T.	do	Mar. 23, 1886
325,500	Cleaver, J. B.	Telephones, mechanical	Sept. 1, 1885
330,873	Cobb, H. B.	Conductors	Nov. 24, 1885
330,874	Cobb, S. B.	do	Nov. 24, 1885
337,558	Copper, C.	Magneto-electric	Mar. 9, 1886
339,043	Coffee, A. J.	Telegraphy, fire, alarms and extinguishers	Mar. 30, 1886

No.	NAME.	CLASS.	DATE.
339,381	Coffee, A. J.	Recorders	Apr. 6, 1886
336,622	Coffin, C. L.	Applications, general	Feb. 23, 1886
341,882	Cogswell, A. F., Young, W. and Haldeman, J. R.	Igniting devices	May 18, 1886
327,382	Cohen, R. L.	Locomotion	Sept. 29, 1885
332,383	Cole, J. W. and Knudsen, H.	Lightning-rods	Dec. 15, 1885
332,496	Cornell, G.	Indicators	Dec. 15, 1885
323,500	Conllass, C.	Lights, filaments and carbons	Aug. 4, 1885
330,379	Cousins, J. L.	Valve-controllers	Nov. 17, 1885
335,058	Cowles, A. H.	Heaters	Jan. 26, 1886
324,658	Cowles, E. H. and A. H.	Applications, general	Aug. 18, 1885
335,059	Cowles, E. H. and A. H.	Heaters	Jan. 26, 1886
324,659	Cowles, E. H., Mabery, C. F. and Cowles, A. H.	Applications, general	Aug. 18, 1885
327,383	Cox, G. S.	Conductors, underground	Sept. 29, 1885
340,425	Cox, H. B.	Telegraphy, railway-car	Apr. 20, 1886
340,426	Cox, H. B.	Connectors	Apr. 20, 1886
328,012	Cox, H. F.	Conductors, underground	Oct. 13, 1885
336,701	Cox, H. F.	Railway signals	Feb. 23, 1886
336,702	Cox, H. F.	do	Feb. 23, 1886
344,351	Crandall, L. S.	Transmitters	June 29, 1886
342,499	Crandell, W. C., jr.	Railway signals	May 25, 1886
336,510	Criado, L. F.	Lights, systems and appliances	Feb. 16, 1886
323,918	Crockett, C. H. and Allen, C. C.	Magnetic locks and bolts	Ang. 11, 1885
341,460	Cross, F.	Alarms, burglar	May 11, 1886
341,997	Crossley, L. J. and Hicks, J. J.	Lights, incandescent	May 18, 1886
326,021	Cruickshank, G. M.	Conductors, lead-covered	Sept. 8, 1885
336,897	Culp, J. D.	Medical and surgical, body-wear	Mar. 2, 1886
336,898	Culp, J. D.	Igniting devices, portable	Mar. 2, 1886
324,751	Curtiss, R. M.	Applications, tools and machines	Aug. 18, 1885
324,752	Cushman, H. and Hall, J. P.	Magneto-electric	Aug. 18, 1885
324,305	Cutten, E. B.	Lights, arc	Aug. 11, 1885
327,143	Cutten, E. B.	Alarms	Sept. 29, 1885
343,227	Cutten, E. B.	Electro-magnets	June 8, 1886
344,772	Cuttriss, C.	Telegraphy, automatic	June 29, 1886
322,915	Daft, L.	Rheostats	July 28, 1885
322,916	Daft, L.	Transmission of power	July 28, 1885
325,915	Daft, L.	Locomotion	Sept. 8, 1885
336,629	Daft, L.	Motors	Feb. 23, 1886
334,353	Dales, J. R. and Adams, E. L.	Lights, arc	Jan. 12, 1886
344,252	Dales, J. R. and Markland, W. H.	do	June 22, 1886
338,491	Dann, J. E. and Lapp, J.	Telephones, electric	Mar. 23, 1886
338,492	Dann, J. E. and Lapp, J.	do	Mar. 23, 1886
338,660	Dann, J. E. and Lapp, J.	do	Mar. 23, 1886
343,014	Dann, J. E. and Lapp, J.	Anti-induction devices	June 1, 1886
337,931	Darling, W. H.	Motors	Mar. 16, 1886
333,285	Davis, A. W. S.	Telephones, mechanical	Dec. 29, 1885
336,095	Davis, A. W. S.	Telephones, calls	Feb. 16, 1886
337,356	Davis, D., jr. and Gale, G. F.	Telegraphy, fire	Mar. 2, 1886
338,935	Davis, G. H.	Alarms	Mar. 30, 1886
331,186	Davis, J. P.	Telephones, systems	Nov. 24, 1885
327,536	Davis, W. E.	Railway signals	Oct. 6, 1885
332,061	Deblicux, B. N.	Insulators	Dec. 8, 1885
338,588	De Ferranti, S. Z.	Meters	Mar. 23, 1886
341,097	De Ferranti, S. Z.	Magneto-electric	May 4, 1886
333,838	Delamare-Deboutteville, E. and Malandin, L. P. C.	Applications, tools and machines	Jan. 5, 1886
322,427	Delany, P. B.	Telegraphy, multiplex	July 21, 1885
322,688	Delany, P. B.	Telegraphy, circuits and systems	July 21, 1885
322,689	Delany, P. B.	Telegraphy, printing	July 21, 1885
322,690	Delany, P. B.	Telegraphy, multiplex	July 21, 1885
322,691	Delany, P. B.	do	July 21, 1885
322,692	Delany, P. B.	do	July 21, 1885
322,694	Delany, P. B.	do	July 21, 1885
322,695	Delany, P. B.	do	July 21, 1885
322,696	Delany, P. B.	do	July 21, 1885
322,808	Delany, P. B.	do	July 21, 1885
322,809	Delany, P. B.	do	July 21, 1885
322,693	Delany, P. B. and Calahan, E. A.	Telegraphy, printing	July 21, 1885
344,170	Delmage, W. A.	Applications, general	June 22, 1886
331,042	De Mier, J. R.	Telegraphy, railway-car	Nov. 24, 1885
323,920	Denison, R. A.	Conductors	Aug. 11, 1885
334,850	Denison, R. A.	Conductors, underground	Jan. 26, 1886
333,614	De Redon, C. F.	Bells	Jan. 5, 1886
338,938	De St. Aubin, C. A. A. T.	Telephones, switches	Mar. 30, 1886
323,921	Dey, C. E.	Annunciators	Ang. 11, 1885
344,358	Dickens, S. T.	Alarms, burglar	June 29, 1886
329,723	Dickenson, W.	Telegraphy, automatic	Nov. 3, 1885

No.	NAME.	CLASS.	DATE.
334,517	Dickinson, S. C	Clocks	Jan. 19, 1886
329,724	Dieckmann, G. F	Batteries, galvanic	Nov. 3, 1885
324,666	Diehl, P	Magneto-electric	Aug. 18, 1885
324,667	Diehl, P	Motors	Aug. 18, 1885
325,659	Dolbear, A. E	Telephones, systems	Sept. 8, 1885
325,660	Dolbear, A. E	Telephones, electric	Sept. 8, 1885
335,436	Doolittle, T. B	Telephones, systems	Feb. 2, 1886
339,625	Doolittle, T. B	do	Apr. 13, 1886
339,626	Doolittle, T. B	Telephones, switch-boards	Apr. 13, 1886
339,627	Doolittle, T. B	Telephones, systems	Apr. 13, 1886
344,642	Doriot, C	Lights, arc	June 29, 1886
344,643	Doriot, C	Motors	June 29, 1886
322,529	Dorsett, D. H	Conductors, underground	July 21, 1885
340,431	Dorsett, D. H	do	Apr. 20, 1886
340,432	Dorsett, D. H	do	Apr. 20, 1886
340,433	Dorsett, D. H	do	Apr. 20, 1886
335,060	Doubleday, H. M	Systems of distribution	Jan. 26, 1886
333,932	Dowling, N	Telephones, magnetic	Jan. 5, 1886
335,510	Dowling, N	Telephones, electric	Feb. 2, 1886
335,511	Dowling, N	do	Feb. 2, 1886
337,753	Dowling, N	Telephones, details	Mar. 9, 1886
343,444	Doyle, J	Motors	June 8, 1886
336,040	Drake, C. C	Cut-outs, electro-magnetic	Feb. 9, 1886
335,687	Drake, J. I	Meters	Feb. 9, 1886
339,745	Drawbaugh, D	Telephones, electric	Apr. 13, 1886
342,340	Dudley, W. J	Telephones, calls	May 25, 1886
332,193	Duperow, M	Telegraphy, circuits and systems	Dec. 8, 1885
326,487	Du Shane, J	Lights, arc	Sept. 15, 1885
332,649	Dyer, R. N	Telegraphy, printing	Dec. 15, 1885
335,275	Dyer, R. N	do	Feb. 2, 1886
331,386	Eames, G. M	Applications, tools and machines	Dec. 1, 1885
332,705	Eames, H. H	Electrolysis	Dec. 22, 1885
337,385	Eastman, S	Clocks	Mar. 9, 1886
331,119	Eaton, G. H	Alarms	Nov. 24, 1885
328,572	Edison, T. A	Magneto-electric	Oct. 20, 1885
328,573	Edison, T. A	Lights, systems and appliances	Oct. 20, 1885
328,574	Edison, T. A	Systems of distribution	Oct. 20, 1885
328,575	Edison, T. A	do	Oct. 20, 1885
329,030	Edison, T. A	Telephones, electric	Oct. 27, 1885
333,239	Edison, T. A	Telegraphy, duplex	Dec. 29, 1885
333,290	Edison, T. A	do	Dec. 29, 1885
333,291	Edison, T. A	Telegraphy, quadruplex	Dec. 29, 1885
334,853	Edison, T. A	Lights, filaments and carbons	Jan. 26, 1886
339,278	Edison, T. A	Locomotion	Apr. 6, 1886
339,279	Edison, T. A	Regulators	Apr. 6, 1886
340,707	Edison, T. A	Telephones, relays and repeaters	Apr. 27, 1886
340,708	Edison, T. A	Telephones, calls	Apr. 27, 1886
341,644	Edison, T. A	Lights, incandescent	May 11, 1886
341,839	Edison, T. A	do	May 11, 1886
343,017	Edison, T. A	Systems of distribution	June 1, 1886
337,254	Edison, T. A. and Bergmann, S	Telephones, electric	Mar. 2, 1886
340,709	Edison, T. A. and Gilliland, E. T	Telephones, switches	Apr. 27, 1886
327,073	Edmunds, H. and Howard, C. T	Telephones, systems	Sept. 29, 1885
324,369	Edwards, R	Alarms, burglar	Aug. 18, 1885
329,294	Ehrlich, L	do	Oct. 27, 1885
342,504	Eickemeyer, R	Magneto-electric	May 25, 1886
342,587	Eickemeyer, R	do	May 25, 1886
342,588	Eickemeyer, R	do	May 25, 1886
342,589	Eickemeyer, R	do	May 25, 1886
337,314	Eils, B. E. J	Telegraphy, duplex	Mar. 2, 1886
326,957	Eisenhart, C. A	Applications, general	Sept. 29, 1885
331,121	Eisenhart, C. A	Induction-coils	Nov. 24, 1885
329,152	Elden, C. F	Lightning-arresters	Oct. 27, 1885
337,824	Eldon, M. S	Magneto-electric	Mar. 16, 1886
344,260	Elieson, C. P	Transmission of power	June 22, 1886
323,129	Ellis, C. S	Circuit-closers	July 28, 1885
321,956	Ellis, J. W	Conductors, underground	July 14, 1885
321,426	Ellis, J. W	Valve-controllers	July 7, 1885
344,262	Emley, J. E	Motors	June 22, 1886
330,879	Emmner, J., jr	Telephones, electric	Nov. 24, 1885
331,388	Enos, J. A	Locomotion	Dec. 1, 1885
342,246	Enos, J. A	do	May 18, 1886
335,996	Eschbach, F. L	Motors	Feb. 9, 1886
332,066	Facer, W. E	Thermostats	Dec. 8, 1885
340,868	Fairchild, J. M	Cut-outs, mechanical	Apr. 27, 1886
322,169	Farmer, M. G	Electrolysis	July 14, 1885
322,170	Farmer, M. G	do	July 14, 1885

No.	NAME.	CLASS.	DATE.
322,918	Farmer, M. G	Telegraphy, automatic	July 28, 1885
323,650	Farmer, M. G	Regulators	Aug. 4, 1885
323,651	Farmer, M. G	Heaters	Aug. 4, 1885
323,652	Farmer, M. G	Motors	Aug. 4, 1885
323,653	Farmer, M. G	do	Aug. 4, 1885
325,920	Farmer, M. G	Telephones, relays and repeaters	Sept. 8, 1885
335,905	Farmer, M. G	Electrolysis	Feb. 9, 1886
338,941	Farmer, M. G	do	Mar. 30, 1886
325,520	Farnham, I. H.	Indicators	Sept. 1, 1885
328,578	Farnham, I. H.	Telephones, calls	Oct. 20, 1885
326,207	Favor, L. B. and Jacobs, C. A.	Indicators	Sept. 15, 1885
328,929	Fawcett, W. N. and Huntley, G. F.	Insulators	Oct. 27, 1885
334,763	Fay, C. N.	Conductors	Jan. 26, 1886
323,134	Faymonville, B.	Recorders	July 28, 1885
332,336	Fee, J. D.	Telegraphy, railway-car	Dec. 15, 1885
334,365	Ferguson, A. C.	Lights, arc	Jan. 12, 1886
334,366	Ferguson, A. C.	Lights, systems and appliances	Jan. 12, 1886
324,824	Field, F. R.	Clocks	Aug. 25, 1885
328,769	Field, F. R.	do	Oct. 20, 1885
338,343	Field, S. D.	Telegraphy, dynamo	Mar. 23, 1886
338,344	Field, S. D.	Telegraphy, printing	Mar. 23, 1886
343,953	Field, S. D.	Telegraphy, dynamo	June 15, 1886
341,565	Finck, J.	Igniting devices	May 11, 1886
341,566	Finck, J.	do	May 11, 1886
328,305	Firman, L. B.	Telephones, systems	Oct. 13, 1885
340,203	Firman, L. B.	Telegraphy, fire	Apr. 20, 1886
335,998	Fisher, F. E.	Motors	Feb. 9, 1886
335,999	Fisher, F. E.	Bells	Feb. 9, 1886
336,000	Fisher, F. E.	Magneto-electric	Feb. 9, 1886
336,001	Fisher, F. E.	Annunciators	Feb. 9, 1886
336,002	Fisher, F. E.	Telephones, calls	Feb. 9, 1886
336,003	Fisher, F. E.	Circuit-closers	Feb. 9, 1886
336,004	Fisher, F. E.	Clocks	Feb. 9, 1886
336,402	Fisher, F. E.	Separators	Feb. 16, 1886
324,311	Fiske, B. A.	Lights, arc	Aug. 11, 1885
334,222	Fitch, H. A.	Applications, general	Jan. 12, 1886
333,292	Fitz-Gerald, D. G. and Jones, T. J.	Batteries, secondary	Dec. 29, 1885
323,504	Fletcher, J. R.	Lights, systems and appliances	Aug. 4, 1885
328,205	Flint, F. W.	Indicators	Oct. 13, 1885
344,732	Fondersmith, H.	Conductors, underground	June 29, 1886
336,479	Fontaine, A. S.	Annunciators	Feb. 16, 1886
339,754	Footte, A. R. S.	Lights, systems and appliances	Apr. 13, 1886
333,063	Footte, D. S.	Annunciators	Dec. 22, 1885
338,169	Forbes, G.	Magneto-electric	Mar. 16, 1886
331,955	Ford, W. S.	Telephones, switch-boards	Dec. 8, 1885
326,028	Forster, F. E.	Indicators	Sept. 8, 1885
323,311	Fortier, C. L.	Telephones, magnetic	July 28, 1885
331,390	Fowler, E. W.	Magnetic locks and bolts	Dec. 1, 1885
344,096	Foy, E. A.	Lightning-rods	June 22, 1886
333,739	France, S.	Induction-coils	Jan. 5, 1886
339,540	Fraser, E. J.	Applications, general	Apr. 6, 1886
339,541	Fraser, E. J.	do	Apr. 6, 1886
332,388	Fraser, H. T. O.	Magneto-electric, hand-machines	Dec. 15, 1885
344,801	Freeman, W. E.	Magneto-electric	June 29, 1886
344,802	Freeman, W. E.	Lights, arc	June 29, 1886
335,806	Freeman, W. P.	Telephones, electric	Feb. 9, 1886
325,795	Freese, H. E.	Lights, systems and appliances	Sept. 8, 1885
325,796	Freese, H. E.	do	Sept. 8, 1885
321,960	Freeto, J. H.	Telephones, mechanical	July 14, 1885
339,092	Frieseke, A. C.	Recorders	Mar. 30, 1886
322,884	Fuller, J. E.	Telephones, magnetic	July 21, 1885
328,022	Fyfe, A. L. and Main, J.	Lights, arc	Oct. 13, 1885
334,073	Gage, G. A. and Crary, C. W.	do	Jan. 12, 1886
333,742	Gaillard, E. N.	Lights, systems and appliances	Jan. 5, 1886
338,260	Gaiser, C. A.	Electro-magnets	Mar. 23, 1886
338,261	Gaiser, C. A.	do	Mar. 23, 1886
326,637	Gardanier, G. W.	Telegraphy, quadruplex	Sept. 22, 1885
328,208	Gardner, E. M.	Batteries, galvanic	Oct. 13, 1885
336,101	Gardner, E. M.	Batteries, secondary	Feb. 16, 1886
336,102	Gardner, E. M.	do	Feb. 16, 1886
342,508	Gardner, E. M.	Batteries, galvanic	May 25, 1886
334,167	Gardner, W. F.	Railway signals	Jan. 12, 1886
335,186	Gardner, W. F.	Clocks	Feb. 2, 1886
324,019	Garrett, H.	Alarms, burglar	Aug. 11, 1885
323,138	Gassett, O.	Locomotion	July 28, 1885
326,424	Gassett, O.	Magnetic locks and bolts	Sept. 15, 1885
344,523	Gates, W. L.	Batteries, galvanic	June 29, 1886

No.	NAME.	CLASS.	DATE.
332,071	Gavitt, J. K. G.	Applications, general	Dec. 8, 1885
335,025	Gaynor, T. F.	Telegraphy, fire	Jan. 26, 1886
335,026	Gaynor, T. F.	do	Jan. 26, 1886
335,027	Gaynor, T. F.	do	Jan. 26, 1886
331,630	Geary, J.	Igniting devices	Dec. 1, 1885
344,099	Gedge, B. H.	Railway-signals	June 22, 1886
344,100	Gedge, B. H.	do	June 22, 1886
336,635	Gérard-Lescuyer, J. M. A.	Lights, arc	Feb. 23, 1886
336,636	Gérard-Lescuyer, J. M. A.	Magneto-electric	Feb. 23, 1886
336,637	Gérard-Lescuyer, J. M. A.	Lights, incandescent	Feb. 23, 1886
330,226	Gibbins, J. P.	Applications, tools and machines	Nov. 10, 1885
342,594	Gibson, C. D. P.	Batteries, secondary	May 25, 1886
331,052	Gillett, W.	Telephones, electric	Nov. 24, 1885
324,678	Gilliland, E. T.	Telephones, switches	Aug. 18, 1885
327,080	Gilliland, E. T.	Conductors	Sept. 29, 1885
334,014	Gilliland, E. T.	Telephones, systems, automatic	Jan. 12, 1886
335,693	Gilliland, E. T.	Magneto-electric, hand-machines	Feb. 9, 1886
336,562	Gilliland, E. T.	Telephones, calls	Feb. 23, 1886
336,563	Gilliland, E. T.	Telephones, systems	Feb. 23, 1886
343,449	Gilliland, E. T.	Telephones, magnetic	June 8, 1886
323,663	Gilliland, J. F.	Relays and sounders	Aug. 4, 1885
327,940	Gilliland, J. F.	Telephones, mechanical	Oct. 6, 1885
338,518	Gilman, C. C.	Conductors, underground	Mar. 23, 1886
340,911	Glass, G. H. and Clark, W.	Telephones, systems	Apr. 27, 1886
340,912	Glass, G. H. and Clark, W.	Telephones, calls	Apr. 27, 1886
343,169	Gleason, J. J.	Indicators	June 8, 1886
329,732	Godfrey, J.	Telephones, details	Nov. 3, 1885
324,551	Goldenberg, L.	Lights, systems and appliances	Aug. 18, 1885
343,811	Golitzinsky, V. V. and Rymaschewski, P. O.	Lights, arc	June 15, 1886
324,243	Goodwin, H. K.	Telephones, systems	Aug. 11, 1885
338,593	Gordon, A. C.	Telegraphy, fire, alarms and extinguishers	Mar. 23, 1886
325,531	Gould, J. H.	Conductors, underground	Sept. 1, 1885
327,790	Granert, E.	Magneto-electric	Oct. 6, 1885
329,386	Gray, E.	Telegraphy, reed	Oct. 27, 1885
338,150	Green, G. F.	Locomotion	Mar. 16, 1886
338,224	Green, G. F.	do	Mar. 16, 1886
338,663	Green, G. F.	do	Mar. 23, 1886
327,391	Green, J. J.	Meters	Sept. 29, 1885
337,679	Green, J. J.	do	Mar. 9, 1886
326,498	Griffin, P. H.	Lights, systems and appliances	Sept. 15, 1885
333,008	Griswold, H. P.	Steering and propulsion	Dec. 22, 1885
343,450	Grove, J. R.	Meters	June 8, 1886
322,818	Grovesteen, M. W.	Indicators	July 21, 1885
329,830	Grovesteen, M. W.	do	Nov. 3, 1885
339,094	Grovesteen, M. W.	Alarms	Mar. 30, 1886
323,319	Grubbe, H. H.	Lights, filaments and carbons	July 28, 1885
334,858	Guernsey, D. W.	Lights, systems and appliances	Jan. 26, 1886
333,263	Guthrie, J. T.	Telephones, electric	Mar. 23, 1886
341,000	Guthrie, J. T.	Telephones, magnetic	May 4, 1886
338,733	Habirshaw, W. M.	Conductors	Mar. 30, 1886
342,086	Hænichen, F. and O.	Clocks	May 18, 1886
321,498	Haid, A.	Lights, systems and appliances	July 7, 1885
339,096	Haight, G. E. and Wood, W. H.	Steering and propulsion	Mar. 30, 1886
336,640	Hall, A. W.	Telephones, mechanical	Feb. 23, 1886
339,646	Hallidie, A. S.	Conductors	Apr. 13, 1886
329,162	Hamilton, E. M.	Connectors	Oct. 27, 1885
326,033	Hammer, E. G.	Batteries, galvanic	Sept. 8, 1885
344,652	Hammerstein, G. J.	Lights, systems and appliances	June 29, 1886
337,260	Hanlon, J. P. A., J. F. and G. O.	Connectors	Mar. 2, 1886
333,219	Harding, A.	Lights, systems and appliances	Dec. 29, 1885
340,210	Harkness, W.	Telegraphy, fire, alarms and extinguishers	Apr. 20, 1886
343,240	Harrell, J. J.	Heaters	June 8, 1886
341,573	Harrington, S. H.	Car-brakes	May 11, 1886
341,907	Harris, A. C.	Batteries, galvanic	May 18, 1886
327,393	Harrison, C. A.	Telephones, details	Sept. 29, 1885
338,522	Hastings, C. W.	Applications, tools and machines	Mar. 23, 1886
339,766	Hastings, H. N.	Telephones, details	Apr. 13, 1886
321,599	Hathaway, T. H.	Applications, general	July 7, 1885
326,084	Healy, C. L.	Telegraphy, printing	Sept. 8, 1885
330,238	Healy, C. L.	do	Nov. 10, 1885
330,239	Healy, C. L.	do	Nov. 10, 1885
333,298	Healy, C. L.	do	Dec. 29, 1885
341,654	Healy, C. L.	do	May 11, 1886
341,655	Healy, C. L.	do	May 11, 1886
341,656	Healy, C. L.	do	May 11, 1886
326,979	Heiman, S.	Lights, incandescent	Sept. 29, 1885
343,313	Heinze, L.	Lights, sockets and keys	June 8, 1886

No.	NAME.	CLASS.	DATE.
327,795	Heisler, C.	Cut-outs, electro-magnetic	Oct. 6, 1885
327,796	Heisler, C.	Lights, systems and appliances	Oct. 6, 1885
330,586	Heisler, C.	Lights, filaments and carbons	Nov. 17, 1885
326,906	Helvin, J. A. and Van Høevenbergh, H.	Connectors	Sept. 22, 1885
323,675	Henderson, J. C.	Locomotion	Aug. 4, 1885
331,879	Henderson, J. W.	Railway signals	Dec. 8, 1885
328,030	Henzel, G. L.	Magnetic locks and bolts	Oct. 13, 1885
335,355	Hering, C.	Magneto-electric	Feb. 2, 1886
339,772	Hering, C.	do	Apr. 13, 1886
339,773	Hering, C.	do	Apr. 13, 1886
341,909	Hess, A. T.	Annunciators	May 18, 1886
324,470	Hess, E. B.	Car-brakes	Aug. 18, 1885
325,540	Hess, G.	Lights, incandescent	Sept. 1, 1885
325,743	Hettinger, M.	Conductors	Sept. 8, 1885
335,223	Hexamer, C. J.	Alarms	Feb. 2, 1886
341,380	Hey, G. W. and Laass, E.	Applications, tools and machines	May 4, 1886
322,375	Heysinger, I. W.	Lights, systems and appliances	July 14, 1885
325,173	Heysinger, I. W.	Locomotion	Aug. 25, 1885
329,646	Hibbard, A. S.	Recorders	Nov. 3, 1885
329,310	Hicks, T. H.	Induction-coils	Oct. 27, 1885
343,176	Higham, E. T. and D.	Motors	June 8, 1886
324,692	Hill, G. W.	Insulators	Aug. 18, 1885
336,716	Hill, S. A.	Rheostats	Feb. 23, 1886
331,880	Hill, W. S.	Motors	Dec. 8, 1885
334,380	Hilton, C. H.	Bells	Jan. 12, 1886
337,533	Himmer, V.	Clocks	Mar. 9, 1886
344,736	Hinckley, H.	Car-brakes	June 29, 1886
339,888	Hinds, F. A.	Valve-controllers	Apr. 13, 1886
342,694	Hoard, J. W. and F. R.	Conductors	May 25, 1886
332,149	Høveler, W. A.	Conductors, underground	Dec. 8, 1885
333,462	Høveler, W. A.	do	Dec. 29, 1885
332,254	Hoffman, H. H.	Alarms, burglar	Dec. 15, 1885
343,372	Hoffman, H. H.	do	June 8, 1886
335,701	Holcomb, F. A.	Telegraphy, fire	Feb. 9, 1886
329,166	Holcombe, A. G.	Lights, arc	Oct. 27, 1885
336,643	Holcombe, A. G.	Telegraphy, fire	Feb. 23, 1886
336,809	Holcombe, A. G.	Annunciators	Feb. 23, 1886
343,373	Holcombe, A. G.	Regulators	June 8, 1886
343,374	Holcombe, A. G.	Annunciators	June 8, 1886
337,000	Holland, J. P.	Applications, tools and machines	Mar. 2, 1886
334,020	Hollerith, H.	Car-brakes	Jan. 12, 1886
334,021	Hollerith, H.	do	Jan. 12, 1886
334,022	Hollerith, H.	do	Jan. 12, 1886
330,486	Holt, A. J.	Lightning-arresters	Nov. 17, 1885
340,717	Holt, A. J.	Lights, systems and appliances	Apr. 27, 1886
327,878	Holtzer, C. W.	Batteries, galvanic	Oct. 6, 1885
338,747	Holtzer, C. W.	Igniting devices	Mar. 30, 1886
338,748	Holtzer, C. W.	do	Mar. 30, 1886
342,013	Holtzer, C. W.	Recorders	May 18, 1886
323,150	Holzer, W.	Lights, systems and appliances	July 28, 1885
325,802	Hopkins, G. M.	Lights, arc	Sept. 8, 1885
325,083	Hopkinson, J.	Locomotion	Aug. 25, 1885
340,441	Horack, C. L.	Alarms	Apr. 20, 1886
339,417	Horen, J.	Lightning-arresters	Apr. 6, 1886
333,014	Honlehan, J.	Telephones, systems	Dec. 22, 1885
335,522	Honlehan, J.	Telephones, electric	Feb. 2, 1886
339,777	Howe, J.	Conductors	Apr. 13, 1886
339,058	Howell, J. W.	Galvanometers	Mar. 30, 1886
342,748	Howell, J. W.	Systems of distribution	May 25, 1886
335,929	Hoyt, A. G.	Telegraphy, circuits and systems	Feb. 9, 1886
329,833	Hubbell, C. J.	Lightning-rods	Nov. 3, 1885
338,596	Huber, J. L.	Meters	Mar. 23, 1886
338,597	Huber, J. L.	do	Mar. 23, 1886
325,086	Hughes, L.	Medical and surgical, body-wear	Aug. 25, 1885
343,458	Hull, G. S.	Conductors, underground	June 8, 1886
336,518	Humaus, W.	Magneto-electric, hand-machines	Feb. 16, 1886
333,075	Humphreville, F.	Thermostats	Dec. 22, 1885
340,046	Hurlbut, D. N.	Conductors, underground	Apr. 13, 1886
333,951	Hyde, D. W.	Applications, general	Jan. 5, 1886
327,797	Immisch, M.	Motors	Oct. 6, 1885
322,294	Iske, A.	Telephones, mechanical	July 14, 1885
324,381	Ives, E. B. and Williams, C. W.	Telegraphy, railway-car	Aug. 18, 1885
327,690	Jackson, A.	Locomotion	Oct. 6, 1885
335,588	Jackson, C. A.	Telephones, systems	Feb. 9, 1886
331,502	Jackson, C. T.	Magneto-electric	Dec. 1, 1885
322,724	Jackson, W. A. and Chambers, J. C.	Anti-induction devices	July 21, 1885
322,725	Jackson, W. A. and Chambers, J. C.	do	July 21, 1885

No.	NAME.	CLASS.	DATE.
322,726	Jackson, W. A. and Chambers, J. C	Anti-induction devices	July 21, 1885
322,727	Jackson, W. A. and Chambers, J. C	do	July 21, 1885
322,728	Jackson, W. A. and Chambers, J. C	do	July 21, 1885
338,971	Jägel, J. M.	Conductors	Mar. 30, 1886
343,319	Jeukin, F.	Locomotion	June 8, 1886
330,490	Jenney, C. D.	Magneto-electric	Nov. 17, 1885
332,399	Jenney, C. D.	do	Dec. 15, 1885
342,441	Jeuney, C. D.	do	May 25, 1886
334,023	Jenney, J. A.	Lights, arc	Jan. 12, 1886
332,905	Johnson, C. M.	Indicators	Dec. 22, 1885
335,285	Johnson, E. H.	Locomotion	Feb. 2, 1886
339,298	Johnson, E. H.	Systems of distribution	Apr. 6, 1886
341,579	Johnson, E. H.	Telephones, electric	May 11, 1886
342,751	Johnson, E. H.	Connectors	May 25, 1886
327,692	Johnson, F. G.	Telephones, supports	Oct. 6, 1885
329,909	Johnson, F. G.	Telephones, details	Nov. 10, 1885
331,406	Johnson, W. S.	Valve-controllers	Dec. 1, 1885
342,018	Johnson, W. S.	do	May 18, 1886
335,934	Johnson, W. S. and Fortier, C. L.	Magneto-electric, hand-machines	Feb. 9, 1886
324,774	Jones, C. E.	Car-brakes	Aug. 18, 1885
337,334	Jones, C. S., Crooker, W. W. and Artés, F.	Applications, general	Mar. 2, 1886
321,609	Jones, E.	Magneto-electric	July 7, 1885
331,407	Jones, E.	Batteries, secondary	Dec. 1, 1885
331,408	Jones, E.	do	Dec. 1, 1885
344,318	Jones, F. W.	Telegraphy, duplex	June 22, 1886
326,123	Jones, R. F.	Lights, arc	Sept. 15, 1885
322,295	Jones, W. and Reynolds, W. W.	Telephones, details	July 14, 1885
344,532	Jones, W. A.	Lights, systems and appliances	June 29, 1886
326,223	Jönsson, O. F.	Valve-controllers	Sept. 15, 1885
330,836	Jönsson, O. F.	Magneto-electric	Nov. 17, 1885
338,752	Jönsson, O. F.	Cut-outs, electro-magnetic	Mar. 30, 1886
341,918	Jönsson, O. F.	Meters	May 18, 1886
343,242	Jönsson, O. F.	Lights, arc	June 8, 1886
326,989	Jordan, C. M.	Telegraphy, printing	Sept. 29, 1885
328,491	Judson, C. N.	do	Oct. 20, 1885
327,089	Julig, L.	Applications, general	Sept. 29, 1885
328,687	Kauffer, T. L.	Batteries, galvanic	Oct. 20, 1885
328,948	Kauffer, T. L.	do	Oct. 27, 1885
327,175	Keating, A. S.	Alarms	Sept. 29, 1885
327,176	Keating, A. S.	do	Sept. 29, 1885
334,871	Keating, A. S.	Relays and sounders	Jan. 26, 1886
338,976	Keegan, V. E.	Motors	Mar. 30, 1886
338,977	Keegan, V. E.	do	Mar. 30, 1886
331,975	Keeley, D. H. and Garvey, A. A. E.	Telegraphy, quadruplex	Dec. 8, 1885
333,131	Keenan, W. J. and Wilson, E. M.	Telegraphy, fire	Dec. 29, 1885
335,364	Keller, A. K. and Lyon, E. H.	Telephones, electric	Feb. 2, 1886
322,612	Kells, C. E., jr.	Thermostats	July 21, 1885
339,787	Kendall, E. D.	Conductors	Apr. 13, 1886
339,558	Kenny, P.	Telegraphy, automatic	Apr. 6, 1886
343,129	Ketchum, A. G.	Magneto-electric	June 1, 1886
331,718	Kettell, J. F.	Telegraphy, fire	Dec. 1, 1885
333,132	Kettell, J. F.	Clocks	Dec. 29, 1885
333,133	Kettell, J. F.	do	Dec. 29, 1885
330,903	Kinsman, F. E.	Annunciators	Nov. 24, 1885
334,390	Kinsman, J. H.	Telephones, calls	Jan. 12, 1886
343,642	Kissell, A. S.	Valve-controllers	June 15, 1886
337,336	Klein, P. H., jr.	Lights, incandescent	Mar. 2, 1886
335,459	Klostermann, F.	Lights, arc	Feb. 2, 1886
322,296	Knabe, E., jr.	Motors	July 14, 1885
338,080	Knight, W. H.	Locomotion	Mar. 16, 1886
338,081	Knight, W. H.	do	Mar. 16, 1886
338,082	Knight, W. H.	do	Mar. 16, 1886
338,083	Knight, W. H.	do	Mar. 16, 1886
338,084	Knight, W. H.	Motors	Mar. 16, 1886
338,085	Knight, W. H.	do	Mar. 16, 1886
338,174	Knight, W. H.	Locomotion	Mar. 16, 1886
338,175	Knight, W. H.	do	Mar. 16, 1886
337,590	Kölzer, J.	Repeaters	Mar. 9, 1886
322,110	Korfhage, C.	Clocks	July 14, 1885
337,067	Korfhage, C.	Alarms	Mar. 2, 1886
322,384	Kornbau, D.	Locomotion	July 14, 1885
340,512	Krautz, P.	Lights, systems and appliances	Apr. 20, 1886
322,335	Kruesi, J.	Conductors, anti-inductive	July 14, 1885
334,708	Kruesi, J. and Langton, J., jr.	Conductors, underground	Jan. 19, 1886
334,709	Kruesi, J. and Langton, J., jr.	do	Jan. 19, 1886
334,785	La Bau, J. H.	Telegraphy, fire	Jan. 26, 1886
339,431	Ladd, W. J.	Electrolysis	Apr. 6, 1886

No.	NAME.	CLASS.	DATE.
338,983	Lamont, H	Telephones, mechanical	Mar. 30, 1886
330,244	Lange, P	Lights, systems and appliances	Nov. 10, 1885
343,976	Lange, P	Clocks	June 15, 1886
324,566	Lannert, J. A	Regulators	Aug. 18, 1885
329,749	Larish, J. W	Telegraphy, quadruplex	Nov. 3, 1885
340,130	Larish, J. W	do	Apr. 20, 1886
338,757	Lasar, G. H	Transmitters	Mar. 30, 1886
334,788	Lathrop, F. L	Batteries, galvanic	Jan. 26, 1886
336,329	Lavery, G. L	Telephones, details	Feb. 16, 1886
332,913	Lebasteur, H. and Rowart, S. H	Indicators	Dec. 22, 1885
335,135	Lee, J. J	Conductors	Feb. 2, 1886
329,398	Leggo, W. A	Keys	Oct. 27, 1885
329,399	Leggo, W. A	do	Oct. 27, 1885
341,666	Le Grande, W. W	Railway signals	May 11, 1886
342,872	Leigh, E. and Towuend, T	Valve-controllers	June 1, 1886
324,708	Leighton, E. F	Batteries, galvanic	Aug. 18, 1885
322,619	Leipuer, W. A. and Brotherhood, C	Indicators	July 21, 1885
329,460	Lemp, H	Cut-outs, mechanical	Nov. 3, 1885
329,461	Lemp, H	Lights, arc	Nov. 3, 1885
341,926	Lenærts, L. and L'Olivier, H	Alarms	May 18, 1886
328,695	Leonard, S. S	Cut-outs, mechanical	Oct. 20, 1885
322,115	Lever, C	Lights, arc	July 14, 1885
327,282	Levett, H. H	do	Sept. 29, 1885
335,368	Levison, W. G	do	Feb. 2, 1886
342,523	Libbey, H. W	Conductors	May 25, 1886
330,247	Liepmann, H	Electrolysis	Nov. 10, 1885
340,448	Little, F. P. and McDonald, W. H	Cut-outs, electro-magnetic	Apr. 20, 1886
346,149	Little, F. P. and McDonald, W. H	Rheostats	Apr. 20, 1886
335,708	Lockwood, T. D	Telephones, systems, automatic	Feb. 9, 1886
331,309	Lockwood, W. C	Telephones, electric	Dec. 1, 1885
323,435	Loomis, F. F	Telegraphy, fire	Aug. 4, 1885
338,090	Loomis, M	Thermostats	Mar. 16, 1886
324,778	Loomis, O. P	Lights, arc	Aug. 18, 1885
332,721	Loomis, O. P. and Cooley, H. W	Cut-outs, mechanical	Dec. 22, 1885
337,775	Loomis, O. P. and Cooley, H. W	Regulators	Mar. 9, 1886
337,776	Loomis, O. P. and Cooley, H. W	do	Mar. 9, 1886
337,777	Loomis, O. P. and Cooley, H. W	Motors	Mar. 9, 1886
328,592	Lord, W. H	Indicators	Oct. 20, 1885
324,711	Lothrop, C. H	Cut-outs, mechanical	Aug. 18, 1885
322,835	Low, A. H	Telephones, systems	July 21, 1885
327,886	Low, A. H	Magneto-electric, hand-machines	Oct. 6, 1885
324,858	Low, J. B	Batteries, galvanic	Aug. 25, 1885
337,272	Ludwig, J. C	Relays and sounders	Mar. 2, 1886
338,178	Lundstedt, O. E	Galvanometers	Mar. 16, 1886
341,384	Lüngen, A	Cut-outs, thermal	May 4, 1886
324,475	Lyman, W. T	Batteries, galvanic	Aug. 18, 1885
339,908	Macdonald, D. B. and Woodman, H. W	Lights, arc	Apr. 13, 1886
325,257	Mackay, P. N	Lights, filaments and carbons	Sept. 1, 1885
337,005	Mackie, R	Magneto-electric	Mar. 2, 1886
337,004	Mackie, R. and McCarty, N	Systems of distribution	Mar. 2, 1886
340,134	Macready, R. A	Keys	Apr. 20, 1886
324,713	Main, O. F	Medical and surgical, body-wear	Aug. 18, 1885
327,888	Main, W	Lights, systems and appliances	Oct. 6, 1885
327,889	Main, W	do	Oct. 6, 1885
328,418	Main, W	Batteries, secondary, applications	Oct. 13, 1885
328,593	Main, W	do	Oct. 20, 1885
332,668	Main, W	Motors	Dec. 15, 1885
336,729	Main, W	Lights, incandescent	Feb. 23, 1886
323,514	Majert, W	Electrolysis	Aug. 4, 1885
343,042	Mallett, E. J	Telegraphy, printing	June 1, 1886
343,043	Mallett, E. J	Telegraphy, automatic	June 1, 1886
343,044	Mallett, E. J	do	June 1, 1886
338,994	Maloney, J. A	Telephones, mechanical	Mar. 30, 1886
338,995	Maloney, J. A	do	Mar. 30, 1886
339,909	Maloney, J. A	Keys	Apr. 13, 1886
343,468	Malouey, J. A	Relays and sounders	June 8, 1886
343,469	Maloney, J. A	Keys	June 8, 1886
336,653	Maloney, J. A. and Johnson, A. G	do	Feb. 23, 1886
326,760	Marchese, E	Separators	Sept. 22, 1885
335,372	Marcus, M. D. and Epsteyn, N. H	Telegraphy, fire, alarms and extinguishers	Feb. 2, 1886
341,259	Marshall, W	Telephones, electric	May 4, 1886
329,327	Marston, Du P. F	do	Oct. 27, 1885
329,470	Martin, M	Thermostats	Nov. 3, 1885
342,114	Martin, M	do	May 18, 1886
329,468	Martin, M. and Wilson, J. C	Telegraphy, fire	Nov. 3, 1885
339,672	Mason, G. A	Magneto-electric, hand-machines	Apr. 13, 1886
334,450	Mason, H. R	Conductors	Jan. 19, 1886

No.	NAME.	CLASS.	DATE.
334,960	Mason, W. B., Wescott, E. J. and Stevens, W. L.	Indicators	Jan. 26, 1886
323,182	Mather, A. C.	Telephones, switch-boards	July 28, 1885
321,990	Mather, R. H.	Magneto-electric	July 14, 1885
321,991	Mather, R. H.	do.	July 14, 1885
323,516	Mather, R. H.	Lights, arc	Aug. 4, 1885
324,862	Mather, R. H.	Regulators	Aug. 25, 1885
326,575	Mather, R. H.	do.	Sept. 22, 1885
334,712	Mather, R. H.	Magneto-electric	Jan. 19, 1886
337,778	Mather, R. H.	Regulators	Mar. 9, 1886
326,132	Matherson, P. C.	Insulators	Sept. 15, 1885
326,880	Maver, W., jr.	Telegraphy, circuits and systems	Sept. 22, 1885
338,996	Maver, W., jr.	Telegraphy, quadruplex	Mar. 30, 1886
339,449	Maver, W., jr.	Repeaters	Apr. 6, 1886
340,136	Maver, W., jr.	Telegraphy, quadruplex	Apr. 20, 1886
340,137	Maver, W., jr.	do.	Apr. 20, 1886
334,879	Mayer, J.	Medical and surgical, body-wear	Jan. 26, 1886
344,121	Mayers, W. S.	Indicators	June 22, 1886
338,352	Mayo, G. A.	Lights, arc	Mar. 23, 1886
324,476	Mayrhofer, C. A.	Railway signals	Aug. 18, 1885
331,148	McArthur, J. W.	Keys	Nov. 24, 1885
330,036	McCahey, J.	Conductors	Nov. 10, 1885
330,037	McCambridge, P. C. F.	Keys	Nov. 10, 1885
321,992	McCarthy, L. A.	Telegraphy, duplex	July 14, 1885
325,423	McCarty, N.	Lights, arc	Sept. 1, 1885
325,424	McCarty, N.	do.	Sept. 1, 1885
337,010	McCarty, N.	Magneto-electric	Mar. 2, 1886
344,188	McCarty, N.	Lights, arc	June 22, 1886
323,500	McCausland, W. J.	Telegraphy, printing	Oct. 20, 1885
339,312	McCausland, W. J.	do.	Apr. 6, 1886
329,186	McCullough, L. H.	Telegraphy, fire	Oct. 27, 1885
329,187	McCullough, L. H.	do.	Oct. 27, 1885
329,188	McCullough, L. H.	do.	Oct. 27, 1885
329,189	McCullough, L. H.	do.	Oct. 27, 1885
331,986	McCullough, L. H.	Circuit-closers	Dec. 8, 1885
341,593	McGinnis, W. T.	Medical and surgical, body-wear	May 11, 1886
323,055	McGrory, T.	Insulators	July 28, 1885
335,604	McLaughlin, J. C.	Annunciators	Feb. 9, 1886
328,420	McLaughlin, J. F.	Locomotion	Oct. 13, 1885
323,702	McLaughlin, J. F.	Telephones, switches	Oct. 20, 1885
328,703	McLaughlin, J. F.	Telephones, electric	Oct. 20, 1885
330,605	McLaughlin, J. F.	Locomotion	Nov. 17, 1885
332,926	McLaughlin, J. F.	do.	Dec. 22, 1885
332,927	McLaughlin, J. F.	do.	Dec. 22, 1885
332,928	McLaughlin, J. F.	do.	Dec. 22, 1885
332,929	McLaughlin, J. F.	do.	Dec. 22, 1885
335,294	McLaughlin, J. F.	Telephones, electric	Feb. 2, 1886
341,263	McLaughlin, J. F.	do.	May 4, 1886
341,264	McLaughlin, J. F.	do.	May 4, 1886
343,334	McLaughlin, J. F.	Telephones, magnetic	June 8, 1886
328,502	McLeod, C. G.	Connectors	Oct. 20, 1885
327,458	McMackin, P.	Conductors, underground	Sept. 29, 1885
335,605	McNeal, A. C.	Keys	Feb. 9, 1886
322,739	McPherson, L. O.	Telegraphy, quadruplex	July 21, 1885
338,542	McTighe, J. J.	Lights, filaments and carbons	Mar. 23, 1886
325,952	Mead, C. K.	Telephones, systems	Sept. 8, 1885
334,027	Meeker, F. W.	Batteries, secondary	Jan. 12, 1886
336,337	Meeze, A. G.	Meters	Feb. 16, 1886
329,929	Metzger, A.	Induction-coils	Nov. 10, 1885
330,139	Meyer, C. W.	Lights, systems and appliances	Nov. 10, 1885
336,731	Middleton, R. O.	Telephones, mechanical	Feb. 23, 1886
337,416	Millard, G. W. and Clarke, J. H.	Clocks	Mar. 9, 1886
337,417	Millard, G. W. and Clarke, J. H.	do.	Mar. 9, 1886
337,418	Millard, G. W. and Clarke, J. H.	do.	Mar. 9, 1886
337,419	Millard, G. W. and Clarke, J. H.	do.	Mar. 9, 1886
337,972	Miller, J.	Telephones, details	Mar. 16, 1886
340,890	Miller, J. A.	Thermostats	Apr. 27, 1886
343,719	Miller, S.	Locomotion	June 15, 1886
334,969	Milliken, G. F.	Telegraphy, fire	Jan. 26, 1886
331,250	Miner, W. M.	Repeaters	Nov. 24, 1885
323,822	Mingle, G. W.	Lightning-arresters	Aug. 4, 1885
323,059	Moffatt, R. R.	Regulators	July 28, 1885
333,657	Moffatt, R. R.	Lights, incandescent	Jan. 5, 1886
330,724	Montgomery, S.	Conductors, underground	Nov. 17, 1885
328,243	Moore, G. W. and Culbertson, J. N.	Telephones, systems	Oct. 13, 1885
340,724	Morison, G. A.	Telegraphy, fire, alarms and extinguishers	Apr. 27, 1886
343,053	Morse, P. C.	Valve-controllers	June 1, 1886

No.	NAME.	CLASS.	DATE.
322,744	Moses, O. A	Lights, sockets and keys	July 21, 1885
324,038	Moses, O. A	Lights, incandescent	Aug. 11, 1885
324,334	Moses, O. A	do	Aug. 11, 1885
325,958	Moses, O. A	do	Sept. 8, 1885
335,831	Moses, O. A	do	Feb. 9, 1886
343,188	Moses, O. A	Lights, arc	June 8, 1886
333,079	Mott, S. D.	Meters	Dec. 22, 1885
336,132	Mott, S. D.	do	Feb. 16, 1886
336,133	Mott, S. D.	do	Feb. 16, 1886
337,513	Moxham, A. J	Conductors	Mar. 9, 1886
325,619	Mueller, C. L. F	Magneto-electric	Sept. 1, 1885
327,097	Muirhead, A	Telegraphy, duplex	Sept. 29, 1885
329,477	Muirhead, A	do	Nov. 3, 1885
331,726	Müller, H	Magneto-electric	Dec. 1, 1885
344,324	Munsie, J. F.	Conductors, underground	June 22, 1886
332,673	Munson, A. J	Lightning-rods	Dec. 15, 1885
343,332	Munson, A. J	do	June 8, 1886
328,600	Munson, J. E	Perforators	Oct. 20, 1885
330,344	Munson, J. E	Telegraphy, automatic	Nov. 10, 1885
332,419	Munson, J. E	Telegraphy, perforating	Dec. 15, 1885
327,962	Murray, W. A	Railway signals	Oct. 6, 1885
327,576	Myers, F. I	do	Oct. 6, 1885
332,420	Myers, M. J	Circuit-closers	Dec. 15, 1885
327,578	Nelson, J	Lights, incandescent	Oct. 6, 1885
331,081	Neumeyer, H. F	Applications, general	Nov. 24, 1885
329,478	Nicholson, H. C	Railway signals	Nov. 3, 1885
332,549	Nicholson, H. C	Telegraphy, quadruplex	Dec. 15, 1885
332,550	Nicholson, H. C	do	Dec. 15, 1885
332,551	Nicholson, H. C	do	Dec. 15, 1885
329,670	Nicholson, S. and Bowen, H. A	Lights, filaments and carbons	Nov. 3, 1885
322,745	Nicolaus, E. B	Cut-outs, mechanical	July 21, 1885
327,582	Odell, J. B	Batteries, galvanic	Oct. 6, 1885
333,661	Odell, J. B	do	Jan. 5, 1886
334,890	O'Donel, I. M	Alarms	Jan. 26, 1886
328,055	Oram, J. M	Clocks	Oct. 13, 1885
321,446	Orne, C. P.	Batteries, galvanic	July 7, 1885
323,361	Orton, B. F	Magneto-electric	July 28, 1885
323,362	Orton, B. F	do	July 28, 1885
323,363	Orton, B. F	do	July 28, 1885
331,155	Orton, B. F	do	Nov. 24, 1885
331,814	Orton, B. F	Regulators	Dec. 8, 1885
331,815	Orton, B. F	Magneto-electric	Dec. 8, 1885
331,816	Orton, B. F	Regulators	Dec. 8, 1885
331,817	Orton, B. F	Lights, systems and appliances	Dec. 8, 1885
331,818	Orton, B. F	Magneto-electric	Dec. 8, 1885
324,410	Otto, G	Connectors	Aug. 18, 1885
338,770	Otto, G	Batteries, galvanic	Mar. 30, 1886
343,487	Paine, H. M	Motors	June 8, 1886
321,843	Paine, W. J	Lights, systems and appliances	July 7, 1885
321,844	Paine, W. J	do	July 7, 1885
321,845	Paine, W. J	do	July 7, 1885
321,846	Paine, W. J	do	July 7, 1885
321,748	Paine, W. J. and S. B	do	July 7, 1885
321,749	Paine, W. J. and S. B	do	July 7, 1885
324,152	Parcelle, A. L	Telegraphy, multiplex	Aug. 11, 1885
324,153	Parcelle, A. L	do	Aug. 11, 1885
332,427	Parham, C	Magneto-electric	Dec. 15, 1885
329,768	Parkes, S. H.	Electro-magnets	Nov. 3, 1885
322,474	Parrish, M. W. and M. F	Telegraphy, railway-car	July 21, 1885
344,542	Parsons, C. A	Magneto-electric	June 29, 1886
328,607	Partz, A. F. W	Batteries, galvanic	Oct. 20, 1885
333,779	Patterson, W. C.	Meters	Jan. 5, 1886
324,412	Patterson, W. R	Conductors	Aug. 18, 1885
324,413	Patterson, W. R	do	Aug. 18, 1885
330,048	Patterson, W. R	do	Nov. 10, 1885
330,049	Patterson, W. R	Conductors, underground	Nov. 10, 1885
340,815	Payne, M. and Benson, D	Medical and surgical, body-wear	Apr. 27, 1886
332,431	Pease, W. M.	Railway-signals	Dec. 15, 1885
322,317	Peirce, W. E	Magnetic locks and bolts	July 14, 1885
342,459	Pendleton, J. H	Locomotion	May 25, 1886
323,199	Pendleton, J. M	do	July 28, 1885
343,392	Pendleton, J. M	Applications	June 8, 1886
343,393	Pendleton, J. M	do	June 8, 1886
343,394	Pendleton, J. M	do	June 8, 1886
338,292	Pennell, L. W	Recorders	Mar. 23, 1886
338,293	Pennell, L. W	do	Mar. 23, 1886
328,712	Pennock, G. B	Conductors, underground	Oct. 20, 1885

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336,584	Perkins, C. G	Lights, incandescent	Sept. 22, 1885
331,002	Perkins, C. G	do	Nov. 24, 1885
322,122	Perrin, T. J	Telephones, switches	July 14, 1885
324,726	Perrin, T. J	Telephones, electric	Aug. 18, 1885
324,727	Perrin, T. J	do	Aug. 18, 1885
324,728	Perrin, T. J	do	Aug. 18, 1885
324,729	Perrin, T. J	do	Aug. 18, 1885
329,772	Perrin, T. J	Induction-coils	Nov. 3, 1885
326,237	Perry, J. and Ayrton, W. E	Locomotion	Sept. 15, 1885
333,635	Pevey, A	Railway signals	Jan. 5, 1886
332,286	Pfannkuche, G	Cut-outs, thermal	Dec. 15, 1885
343,602	Pfannkuche, G. and A	Induction-coils	June 15, 1886
343,603	Pfannkuche, G. and A	Systems of distribution	June 15, 1886
329,076	Phelps, L. J	Telegraphy, railway-car	Oct. 27, 1885
329,077	Phelps, L. J	do	Oct. 27, 1885
334,185	Phelps, L. J	Relays and sounders	Jan. 12, 1886
334,186	Phelps, L. J	Telegraphy, railway-car	Jan. 12, 1886
334,187	Phelps, L. J	do	Jan. 12, 1886
334,188	Phelps, L. J	do	Jan. 12, 1886
334,189	Phelps, L. J	do	Jan. 12, 1886
321,933	Pieper, H	Lights, incandescent	July 7, 1885
330,149	Pilet, G. and Carry C	Electrolysis	Nov. 10, 1885
328,859	Piper, C. E	Magneto-electric	Oct. 20, 1885
341,600	Pitkin, J	Batteries, secondary	May 11, 1886
344,750	Platt, W. S	Batteries, galvanic	June 29, 1886
327,897	Pond, C. H	Clocks	Oct. 6, 1885
327,898	Pond, C. H	do	Oct. 6, 1885
331,650	Pond, C. H	Annunciators	Dec. 1, 1885
338,773	Pond, C. H	Clocks	Mar. 30, 1886
339,688	Pond, C. H	do	Apr. 13, 1886
329,410	Pope, F. L	Telegraphy, dynamo	Oct. 27, 1885
329,411	Pope, F. L	do	Oct. 27, 1885
329,412	Pope, F. L	Telegraphy, circuits and systems	Oct. 27, 1885
333,970	Pope, F. L	Locomotion	Jan. 5, 1886
334,608	Pope, F. L	do	Jan. 19, 1886
339,073	Pope, F. L	do	Mar. 30, 1886
340,520	Potts, A	Telegraph-poles	Apr. 20, 1886
324,590	Powers, J. A	Magneto-electric	Aug. 18, 1885
323,203	Pratt, R. J	Galvanometers	July 28, 1885
327,964	Prescott, G. B., jr	Batteries, secondary, applications	Oct. 6, 1885
324,591	Price, C. W. and Barrett, A	Telephones, systems	Aug. 18, 1885
331,257	Price, C. W. and Barrett, A	Annunciators	Nov. 24, 1885
325,011	Price, W. G	Recorders	Aug. 25, 1885
323,885	Puffer, E. R	do	Aug. 4, 1885
324,957	Putnam, J. D	Insulators	Aug. 25, 1885
335,091	Putnam, T. A. B	Conductors, underground	Jan. 26, 1886
329,948	Pyle, G. C	Lights, arc	Nov. 10, 1885
331,327	Pyle, G. C	do	Dec. 1, 1885
325,113	Rabe, H	Clocks	Aug. 25, 1885
325,630	Rae, F. B	Conductors, anti-inductive	Sept. 1, 1885
330,923	Ramel, A. and Dean, W. W	Clocks	Nov. 24, 1885
336,744	Randall, C. A	Telephones, electric	Feb. 23, 1886
332,832	Raworth, J. S	Galvanometers	Dec. 22, 1885
338,549	Raworth, J. S	do	Mar. 23, 1886
333,550	Raworth, J. S	Regulators	Mar. 23, 1886
338,439	Ray, W. F	Telegraphy, railway-car	Mar. 23, 1886
337,198	Rebbeck, H. H	Telegraphy, fire	Mar. 2, 1886
344,679	Reardon, E. F	Motors	June 29, 1886
333,336	Regan, D. S	Applications, tools and machines	Dec. 29, 1885
323,205	Reinmann, A. L	Lights, incandescent	July 28, 1885
333,552	Reinmann, A. L	Lights, systems and appliances	Mar. 23, 1886
333,551	Reinmann, A. L. and C. F	do	Mar. 23, 1886
339,930	Reinmann, A. L. and Ott, C. G	do	Apr. 13, 1886
342,385	Remington, W. H	Batteries, secondary	May 25, 1886
323,253	Rice, E. W., jr	Magneto-electric	Oct. 13, 1885
334,194	Ries, E. E	Railway signals	Jan. 12, 1886
333,556	Ries, E. E	Locomotion	Mar. 23, 1886
336,018	Rigney, W. J. and Wolff, J	Conductors	Feb. 9, 1886
337,199	Robb, J. T	Lights, systems and appliances	Mar. 2, 1886
335,482	Robbins, A. C	Telegraphy, printing	Feb. 2, 1886
336,947	Robbins, A. L	Friction generators	Mar. 2, 1886
329,083	Robertson, J. H	Telephones, magnetic	Oct. 27, 1885
329,084	Robertson, J. H	do	Oct. 27, 1885
329,085	Robertson, J. H	do	Oct. 27, 1885
332,559	Robinson, J. A	Induction-coils	Dec. 15, 1885
340,618	Rogers, C. D	Telegraphy, fire	Apr. 27, 1886
326,675	Rogers, J. H. and J. W	Telephones, magnetic	Sept. 22, 1885

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340,460	Rogers, L. H.	Electrolysis	Apr. 20, 1886
323,964	Rogers, W. B.	Conductors, underground	Aug. 11, 1885
341,694	Rollins, E. K.	Alarms	May 11, 1886
330,351	Romanze, O.	Lights, arc	Nov. 10, 1885
325,569	Root, F. H.	Igniting devices	Sept. 1, 1885
336,352	Roovers, A. H. and A. W. and Williams, P. G.	Batteries, galvanic	Feb. 16, 1886
329,956	Rosebrugh, A. M. and T. R.	Telegraphy, duplex	Nov. 10, 1885
341,110	Ross, J. S.	Clocks	May 4, 1886
341,111	Ross, J. S.	do	May 4, 1886
322,973	Rousseau, D.	Telegraphy, fire	July 28, 1885
328,976	Rousseau, D.	Igniting devices	Oct. 27, 1885
328,977	Rousseau, D.	do	Oct. 27, 1885
325,363	Royle, V. and J., jr.	Conductors	Sept. 1, 1885
342,709	Ruenzi, J. W.	Alarms	May 25, 1886
322,310	Ruset, C. F.	Magneto-electric	July 14, 1885
337,872	Russell, S.	Applications, tools and machines	Mar. 16, 1886
337,873	Russell, S.	do	Mar. 16, 1886
323,600	Ryman, W. P.	Alarms	Aug. 4, 1885
326,337	Sanders, L. M.	Valve-controllers	Sept. 15, 1885
337,439	Sanford, S. J.	Annunciators	Mar. 9, 1886
326,158	Sargent, F. G.	Telephones, calls	Sept. 15, 1885
324,171	Sawyer, W. H.	Connectors	Aug. 11, 1885
331,826	Scales, E. A.	Recorders	Dec. 8, 1885
322,857	Schaefer, F.	Lights, sockets and keys	July 21, 1885
339,217	Schaefer, F.	do	Apr. 6, 1886
339,218	Schaefer, F.	do	Apr. 6, 1886
339,017	Schaeffer, G.	Separators	Mar. 30, 1886
337,624	Schillinger, J. J.	Conductors, underground	Mar. 9, 1886
329,681	Schlesinger, W. M.	Regulators	Nov. 3, 1885
331,552	Schlesinger, W. M.	do	Dec. 1, 1885
332,009	Schlesinger, W. M.	Transmission of power	Dec. 8, 1885
339,018	Schlesinger, W. M.	Locomotion	Mar. 30, 1886
341,058	Schlesinger, W. M.	do	May 4, 1886
341,059	Schlesinger, W. M.	Lights, systems and appliances	May 4, 1886
321,646	Schoonmaker, E. T.	Insulators	July 7, 1885
321,858	Scott, G. B.	Telegraphy, printing	July 7, 1885
330,052	Scribner, C. E.	Lights, arc	Nov. 10, 1885
330,053	Scribner, C. E.	Regulators	Nov. 10, 1885
330,054	Scribner, C. E.	Lightning-arresters	Nov. 10, 1885
330,055	Scribner, C. E.	Lights, arc	Nov. 10, 1885
330,056	Scribner, C. E.	Telephones, systems	Nov. 10, 1885
330,057	Scribner, C. E.	do	Nov. 10, 1885
330,058	Scribner, C. E.	do	Nov. 10, 1885
330,059	Scribner, C. E.	do	Nov. 10, 1885
330,060	Scribner, C. E.	do	Nov. 10, 1885
330,061	Scribner, C. E.	do	Nov. 10, 1885
330,062	Scribner, C. E.	do	Nov. 10, 1885
330,063	Scribner, C. E.	do	Nov. 10, 1885
330,064	Scribner, C. E.	Telephones, switches	Nov. 10, 1885
330,065	Scribner, C. E.	Telephones, systems	Nov. 10, 1885
330,066	Scribner, C. E.	do	Nov. 10, 1885
333,167	Scribner, C. E.	do	Dec. 29, 1885
340,734	Seaboldt, B.	Insulators	Apr. 27, 1886
329,222	Sedgwick, F.	Magnetic locks and bolts	Oct. 27, 1885
329,223	Sedgwick, F.	do	Oct. 27, 1885
330,067	Seely, J. A.	Telephones, systems	Nov. 10, 1885
332,012	Seely, J. A.	do	Dec. 8, 1885
326,458	Seligman, H.	Telephones, mechanical	Sept. 15, 1885
342,468	Seligman, H.	do	May 25, 1886
337,626	Sellner, L.	Telegraphy, circuits and systems	Mar. 9, 1886
321,759	Sellon, J. S.	Batteries, secondary	July 7, 1885
324,597	Sellon, J. S.	do	Aug. 18, 1885
325,120	Sellon, J. S.	do	Aug. 25, 1885
334,618	Serrell, E. W., jr.	Applications, tools and machines	Jan. 19, 1886
334,619	Serrell, E. W., jr.	do	Jan. 19, 1886
334,620	Serrell, E. W., jr.	do	Jan. 19, 1886
334,621	Serrell, E. W., jr.	do	Jan. 19, 1886
338,194	Serson, J.	Batteries, galvanic	Mar. 16, 1886
339,485	Shafier, W. C.	Telegraphy, fire, alarms and extinguishers	Apr. 6, 1886
333,554	Shaler, N. S.	Applications, general	Jan. 5, 1886
337,628	Shalenberger, O. B.	Regulators	Mar. 9, 1886
342,395	Shaver, G. F.	Telephones, mechanical	May 25, 1886
328,258	Shaw, F. R.	do	Oct. 13, 1885
325,702	Sheehy, R. J.	Telegraphy, printing	Sept. 8, 1885
334,294	Sheehy, R. J.	do	Jan. 12, 1886
342,881	Shelbourne, S. F.	Telephones, relays and repeaters	June 1, 1886
343,676	Shelbourne, S. F.	Conductors, anti-inductive	June 15, 1886

No.	NAME.	CLASS.	DATE.
335,637	Sherwood, A. T	Medical and surgical, body-wear	Feb. 9, 1886
335,638	Sherwood, A. T	do	Feb. 9, 1886
335,639	Sherwood, A. T	do	Feb. 9, 1886
343,076	Short, S. H.	Locomotion	June 1, 1886
339,942	Short, S. H. and Nesmith, J. W.	do	Apr. 13, 1886
321,934	Siemens, E. W.	do	July 7, 1885
322,559	Siemens, E. W.	do	July 21, 1885
324,176	Siemens, E. W.	do	Aug. 11, 1885
340,462	Siemens, E. W.	do	Apr. 20, 1886
331,830	Silliman, E. B.	Electro-magnets	Dec. 8, 1885
335,970	Skinner, C. E.	Applications, general	Feb. 9, 1886
330,433	Slattery, M. M. M.	Magneto-electric	Nov. 17, 1885
344,417	Slattery, M. M. M.	Lights, sockets and keys	June 29, 1886
326,796	Smit, W. B. and Pot, A.	Magneto-electric	Sept. 22, 1885
325,124	Smith, A. T.	Circuit-closers	Aug. 25, 1885
332,453	Smith, C.	Lights, systems and appliances	Dec. 15, 1885
325,148	Smith, C. A.	Telephones, calls	Oct. 13, 1885
332,845	Smith, E. W.	Circuit-closers	Dec. 22, 1885
343,738	Smith, J. E.	Telegraphy, fire	June 15, 1886
343,083	Smith, J. J. C.	Conductors	June 1, 1886
343,081	Smith, J. J. C. and M.	do	June 1, 1886
343,082	Smith, J. J. C. and M.	do	June 1, 1886
328,728	Smith, L. O.	Insulators	Oct. 20, 1885
343,084	Smith, M.	Conductors	June 1, 1886
343,863	Smith, W. C.	Bells	June 15, 1886
325,984	Smith, W. D.	Conductors, underground	Sept. 8, 1885
322,018	Smith, W. D'B. and Millikin, F. J.	do	July 14, 1885
339,706	Smith, W. T.	Applications, general	Apr. 13, 1886
338,197	Snowberger, J.	Magneto-electric	Mar. 16, 1886
328,618	Sonne, C. C.	Telephones, systems	Oct. 20, 1885
322,493	Sorgue, P.	Conductors	July 21, 1885
341,860	Sorley, C.	Batteries, secondary	May 11, 1886
327,459	Spalding, H. C.	Conductors, anti-inductive	Sept. 29, 1885
327,460	Spalding, H. C.	Conductors	Sept. 29, 1885
327,461	Spalding, H. C.	Conductors, anti-inductive	Sept. 29, 1885
327,462	Spalding, H. C.	Conductors	Sept. 29, 1885
327,463	Spalding, H. C.	Conductors, underground	Sept. 29, 1885
327,464	Spalding, H. C.	Conductors, anti-inductive	Sept. 29, 1885
327,465	Spalding, H. C.	Conductors, underground	Sept. 29, 1885
327,466	Spalding, H. C.	Conductors, anti-inductive	Sept. 29, 1885
327,467	Spalding, H. C.	Conductors	Sept. 29, 1885
327,468	Spalding, H. C.	Conductors, underground	Sept. 29, 1885
327,469	Spalding, H. C.	Electro-magnets	Sept. 29, 1885
327,470	Spalding, H. C.	Electro-magnets, machines for winding	Sept. 29, 1885
327,471	Spalding, H. C.	Conductors	Sept. 29, 1885
327,472	Spalding, H. C.	Conductors, anti-inductive	Sept. 29, 1885
327,473	Spalding, H. C.	do	Sept. 29, 1885
327,474	Spalding, H. C.	Conductors, underground	Sept. 29, 1885
327,475	Spalding, H. C.	do	Sept. 29, 1885
327,476	Spalding, H. C.	Conductors, anti-inductive	Sept. 29, 1885
327,477	Spalding, H. C.	Conductors, underground	Sept. 29, 1885
327,478	Spalding, H. C.	do	Sept. 29, 1885
327,479	Spalding, H. C.	Connectors	Sept. 29, 1885
327,480	Spalding, H. C.	Conductors, underground	Sept. 29, 1885
327,481	Spalding, H. C.	do	Sept. 29, 1885
327,482	Spalding, H. C.	Conductors, anti-inductive	Sept. 29, 1885
327,483	Spalding, H. C.	Conductors, underground	Sept. 29, 1885
327,484	Spalding, H. C.	Conductors, anti-inductive	Sept. 29, 1885
327,485	Spalding, H. C.	do	Sept. 29, 1885
327,486	Spalding, H. C.	do	Sept. 29, 1885
327,487	Spalding, H. C.	do	Sept. 29, 1885
327,488	Spalding, H. C.	do	Sept. 29, 1885
327,489	Spalding, H. C.	do	Sept. 29, 1885
327,490	Spalding, H. C.	do	Sept. 29, 1885
327,491	Spalding, H. C.	Conductors	Sept. 29, 1885
327,492	Spalding, H. C.	Conductors, anti-inductive	Sept. 29, 1885
327,493	Spalding, H. C.	Conductors	Sept. 29, 1885
327,494	Spalding, H. C.	Conductors, anti-inductive	Sept. 29, 1885
327,495	Spalding, H. C.	do	Sept. 29, 1885
327,496	Spalding, H. C.	do	Sept. 29, 1885
327,497	Spalding, H. C.	do	Sept. 29, 1885
327,498	Spalding, H. C.	Cut-outs, electro-magnetic	Sept. 29, 1885
327,499	Spalding, H. C.	do	Sept. 29, 1885
327,500	Spalding, H. C.	do	Sept. 29, 1885
339,341	Spalding, H. C.	Conductors, underground	Apr. 6, 1886
322,494	Spellier, L. H.	Circuit-closers	July 21, 1885
330,632	Spellier, L. H.	Clocks	Nov. 17, 1885

No.	NAME.	CLASS.	DATE.
343,651	Sperry, E. A.	Conductors	June 15, 1886
323,459	Sprague, F. J.	Locomotion	Aug. 4, 1885
323,460	Sprague, F. J.	Motors	Aug. 4, 1885
324,891	Sprague, F. J.	do	Aug. 25, 1885
324,892	Sprague, F. J.	Locomotion	Aug. 25, 1885
328,821	Sprague, F. J.	do	Oct. 20, 1885
335,045	Sprague, F. J.	Systems of distribution	Jan. 26, 1886
335,781	Sprague, F. J.	Motors	Feb. 9, 1886
337,793	Sprague, F. J.	do	Mar. 9, 1886
337,794	Sprague, F. J.	do	Mar. 9, 1886
338,313	Sprague, F. J.	Locomotion	Mar. 23, 1886
338,619	Sprague, F. J.	do	Mar. 23, 1886
340,684	Sprague, F. J.	do	Apr. 27, 1886
340,685	Sprague, F. J.	do	Apr. 27, 1886
326,459	Sprague, S. H.	Lights, systems and appliances	Sept. 15, 1885
322,496	Stanley, W., jr.	Lights, incandescent	July 21, 1885
324,894	Stanley, W., jr.	Lights, sockets and keys	Aug. 25, 1885
325,576	Stanley, W., jr.	Regulators	Sept. 1, 1885
330,269	Stanley, W., jr.	Lights, sockets and keys	Nov. 10, 1885
333,028	Stanley, W., jr.	Lights, incandescent	Dec. 22, 1885
333,564	Stanley, W., jr.	Lights, systems and appliances	Jan. 5, 1886
333,563	Stanley, W., jr. and Shallenberger, O. B.	Magneto-electric	Jan. 5, 1886
323,372	Stanley, W., jr. and Thompson, E. P.	Lights, filaments and carbons	July 28, 1885
321,917	Starr, E. T.	Batteries, galvanic	July 7, 1885
323,890	Starr, E. T. and E. E.	Batteries, secondary	Aug. 4, 1885
327,341	Starr, E. T. and E. E.	do	Sept. 29, 1885
337,796	Stans, H. F.	Circuit-closers	Mar. 9, 1886
338,620	Steiger, A. W.	Telephones, mechanical	Mar. 23, 1886
329,782	Steiner, J.	Bells	Nov. 3, 1885
332,567	Stephen, J.	Telephones, calls	Dec. 15, 1885
322,498	Stern, P. K.	Lights, incandescent	July 21, 1885
333,975	Stern, W. A.	Telegraphy, fire	Jan. 5, 1886
330,938	Stevens, W. L. and Wescott, E. J.	Clocks	Nov. 24, 1885
330,271	Stewart, G. W.	Relays and sounders	Nov. 10, 1885
330,635	Stewart, G. W.	do	Nov. 17, 1885
344,505	Stewart, G. W.	do	June 29, 1886
341,778	Stieringer, L.	Lights, incandescent	May 11, 1886
343,087	Stieringer, L. and Vail, J. H.	Lights, systems and appliances	June 1, 1886
344,755	Stitzel, F. and Wemedell, C.	Railway signals	June 29, 1886
326,603	Stockwell, L. W.	Regulators	Sept. 22, 1885
337,885	Stockwell, L. W.	Magneto-electric	Mar. 16, 1886
338,622	Stout, G. H.	Motors	Mar. 23, 1886
331,918	Street, E. A. and Fleming, R. W.	Conductors, underground	Dec. 8, 1885
341,519	Stuart, C. J.	Telephones, details	May 11, 1886
340,065	Stupakoff, S. H.	Lights, arc	Apr. 13, 1886
339,822	Swau, A.	Insulators	Apr. 13, 1886
342,475	Swan, F. A.	Galvanometers	May 25, 1886
322,993	Swan, J. W.	Lights, filaments and carbons	July 28, 1885
337,797	Sweet, D. F.	Clocks	Mar. 9, 1886
334,822	Sweet, W. F.	do	Jan. 26, 1886
343,930	Tacy, S. H.	Magneto-electric	June 15, 1886
336,173	Tainter, S.	Telephones, systems	Feb. 16, 1886
341,287	Tainter, S.	Telephones, electric	May 4, 1886
342,477	Tanner, N. A.	Telephones, details	May 25, 1886
338,315	Tarbox, J. E. and Taylor, E. H.	Recorders	Mar. 23, 1886
333,791	Tatham, H. B., jr.	Valve-controllers	Jan. 5, 1886
333,899	Tatham, H. B., jr.	Thermostats	Jan. 5, 1886
327,971	Tatham, J.	Conductors	Oct. 6, 1885
332,761	Taylor, R. R.	do	Dec. 22, 1885
335,321	Taylor, W.	Telephones, mechanical	Feb. 2, 1886
321,865	Teggart, J.	Conductors, underground	July 7, 1885
341,289	Temple, E. B.	Cut-outs, thermal	May 4, 1886
339,826	Tengvall, A. O.	Valve-controllers	Apr. 13, 1886
338,115	Terry, S. H.	Telegraph-poles	Mar. 16, 1886
334,823	Tesla, N.	Magneto-electric	Jan. 26, 1886
335,786	Tesla, N.	Lights, arc	Feb. 9, 1886
335,787	Tesla, N.	do	Feb. 9, 1886
336,961	Tesla, N.	Regulators	Mar. 2, 1886
336,962	Tesla, N.	do	Mar. 2, 1886
335,852	Thau, H.	Telegraphy, fire	Feb. 9, 1886
332,971	Thomas, W. M.	Lights, arc	Dec. 22, 1885
333,698	Thomas, W. M.	Lights, systems and appliances	Jan. 5, 1886
331,663	Thompson, E. P.	Lights, filaments and carbons	Dec. 1, 1885
343,742	Thompson, G. F.	Keys	June 15, 1886
322,023	Thompson, H. P.	do	July 14, 1885
223,974	Thompson, R. H. S.	Applications, general	Aug. 11, 1885
327,837	Thompson, S. P.	Telephones, electric	Oct. 6, 1885

No.	NAME.	CLASS.	DATE.
339,500	Thompson, S. P.	Telephones, magnetic	Apr. 6, 1886
339,501	Thompson, S. P.	Telephones, electric	Apr. 6, 1886
339,499	Thompson, S. P. and John, P.	do	Apr. 6, 1886
321,461	Thomson, E.	Systems of distribution	July 7, 1885
321,463	Thomson, E.	Lights, systems and appliances	July 7, 1885
321,464	Thomson, E.	Lightning-arresters	July 7, 1885
322,138	Thomson, E.	Systems of distribution	July 14, 1885
322,139	Thomson, E.	do	July 14, 1885
323,975	Thomson, E.	Magneto-electric	Aug. 11, 1885
323,976	Thomson, E.	Regulators	Aug. 11, 1885
324,501	Thomson, E.	do	Aug. 18, 1885
324,502	Thomson, E.	Lights, arc	Aug. 18, 1885
327,039	Thomson, E.	Cut-outs, electro-magnetic	Sept. 29, 1885
333,573	Thomson, E.	Magneto-electric	Jan. 5, 1886
335,158	Thomson, E.	Lights, incandescent	Feb. 2, 1886
335,159	Thomson, E.	Lights, systems and appliances	Feb. 2, 1886
335,160	Thomson, E.	Lights, sockets and keys	Feb. 2, 1886
335,547	Thomson, E.	Regulators	Feb. 2, 1886
335,548	Thomson, E.	Cut-outs, mechanical	Feb. 2, 1886
339,714	Thomson, E.	Lights, sockets and keys	Apr. 13, 1886
339,079	Thomson, E. and Rice, E. W.	Regulators	Mar. 30, 1886
338,208	Thomson, E. and Rice, E. W., jr	Cut-outs, thermal	Mar. 16, 1886
344,692	Thomson, E. and Rice, E. W., jr	Lights, sockets and keys	June 29, 1886
333,174	Thomson, W.	Magneto-electric	Dec. 29, 1885
336,268	Thornberry, H. S.	Telephones, electric	Feb. 16, 1886
333,902	Thury, R.	Magneto-electric	Jan. 5, 1886
330,071	Tichenor, A. C.	Conductors	Nov. 10, 1885
342,481	Tilden, J. A.	Recorders	May 25, 1886
330,640	Timby, T. R.	Applications, general	Nov. 17, 1885
330,642	Timby, T. R.	do	Nov. 17, 1885
326,068	Timmis, I. A. and Currie, S. C. C.	Railway-signals	Sept. 8, 1885
328,982	Tirrell, J. P.	Bells	Oct. 27, 1885
331,463	Tirrell, J. P.	Indicators	Dec. 1, 1885
341,291	Tisdale, C. D.	Railway-signals	May 4, 1886
343,868	Tomney, J.	Alarms, burglar	June 15, 1886
343,869	Tomney, J.	do	June 15, 1886
329,510	Travis, C. L.	Lights, systems and appliances	Nov. 3, 1885
336,828	Travis, C. L.	Insulators	Feb. 23, 1886
336,176	Tregoning, J.	Lights, arc	Feb. 16, 1886
330,173	Tringham, J. W.	Insulators	Nov. 10, 1885
330,356	Trotter, A. P.	Lights, systems and appliances	Nov. 10, 1885
328,156	Tucker, C. A.	Valve-controllers	Oct. 13, 1885
336,876	Turnbull, W. C.	Telephones, electric	Feb. 23, 1886
336,877	Turnbull, W. C.	do	Feb. 23, 1886
338,889	Turnbull, W. C.	Telephones, switches	Mar. 30, 1886
339,121	Turnbull, W. C.	Telephones, electric	Mar. 30, 1886
344,067	Turnbull, W. C.	Telephones, magnetic	June 22, 1886
344,333	Turnbull, W. C.	do	June 22, 1886
331,924	Vail, J. H.	Magneto-electric	Dec. 8, 1885
322,214	Vail, T. N.	Cut-outs, thermal	July 14, 1885
324,191	Vail, T. N.	Telephones, systems, automatic	Aug. 11, 1885
324,192	Vail, T. N.	do	Aug. 11, 1885
330,644	Vail, T. N.	Telephones, switch-boards	Nov. 17, 1885
336,450	Valiant, P. F.	Medical and surgical, body-wear	Feb. 16, 1886
325,714	Van Choate, S. F.	Magneto-electric	Sept. 8, 1885
323,470	Van Depoele, C. J.	Regulators	Aug. 4, 1885
323,981	Van Depoele, C. J.	Lights, systems and appliances	Aug. 11, 1885
323,982	Van Depoele, C. J.	Motors	Aug. 11, 1885
323,983	Van Depoele, C. J.	Lights, incandescent	Aug. 11, 1885
323,984	Van Depoele, C. J.	Locomotion	Aug. 11, 1885
324,193	Van Depoele, C. J.	Lights, filaments and carbons	Aug. 11, 1885
324,899	Van Depoele, C. J.	Locomotion	Aug. 25, 1885
325,133	Van Depoele, C. J.	Regulators	Aug. 25, 1885
325,225	Van Depoele, C. J.	Meters	Aug. 25, 1885
329,104	Van Depoele, C. J.	Locomotion	Oct. 27, 1885
331,585	Van Depoele, C. J.	do	Dec. 1, 1885
334,062	Van Depoele, C. J.	do	Jan. 12, 1886
335,659	Van Depoele, C. J.	Regulators	Feb. 9, 1886
336,452	Van Depoele, C. J.	Lights, arc	Feb. 16, 1886
336,453	Van Depoele, C. J.	Locomotion	Feb. 16, 1886
337,896	Van Depoele, C. J.	Regulators	Mar. 16, 1886
337,897	Van Depoele, C. J.	Motors	Mar. 16, 1886
337,899	Van Depoele, C. J.	Lights, incandescent	Mar. 16, 1886
338,320	Van Depoele, C. J.	Regulators	Mar. 23, 1886
338,321	Van Depoele, C. J.	Magneto-electric	Mar. 23, 1886
338,375	Van Depoele, C. J.	Motors	Mar. 23, 1886
344,425	Van Depoele, C. J.	Locomotion	June 29, 1886

No.	NAME.	CLASS.	DATE.
322,024	Van Gestel, J. and Beck, C. F	Lights, incandescent	July 14, 1885
329,515	Van Nortwick, S. B	Telegraphy, printing	Nov. 3, 1885
322,333	Van Rysselberghe, F	Telegraphy, circuits and systems	July 14, 1885
323,239	Van Rysselberghe, F	do	July 28, 1885
326,892	Van Rysselberghe, F	Telegraphy, quadruplex	Sept. 22, 1885
341,293	Vanstone, S	Circuit-closers	May 4, 1886
330,531	Vetter, J. C	Induction-coils	Nov. 17, 1885
335,325	Voelker, W. L	Magneto-electric	Feb. 2, 1886
335,323	Voelker, W. L	do	Feb. 2, 1886
330,074	Vogel, W	Railway signals	Nov. 10, 1885
333,178	Vogel, W	do	Dec. 29, 1885
326,359	Wacker, G. G	Valve-controllers	Sept. 15, 1885
325,463	Waite, H. E	Annunciators	Sept. 1, 1885
327,625	Waite, H. E	Telephones, electric	Oct. 6, 1885
341,822	Walcher-Uysdal, R. R. v	Indicators	May 11, 1886
338,120	Waldo, L	Galvanometers	Mar. 16, 1886
342,548	Walker, A. O	Applications, general	May 25, 1886
342,407	Walter, H.	Batteries, galvanic	May 25, 1886
323,241	Walter, W	Conductors, underground	July 28, 1885
334,399	Walter, W. C	Indicators	Jan. 12, 1886
338,122	Walther, R. and H.	Lights, arc	Mar. 16, 1886
342,549	Ward, J. H. R. and Jenks, W. J	Cut-outs, electro-magnetic	May 25, 1886
335,860	Warner, C. D	Clocks	Feb. 9, 1886
339,718	Warner, E. P	Telephones, calls	Apr. 13, 1886
321,553	Warner, J. C	Telephones, systems	July 7, 1885
323,243	Warren, A. G	Connectors	July 28, 1885
336,184	Waterhouse, A. G	Lights, arc	Feb. 16, 1886
336,503	Waterhouse, A. G	do	Feb. 16, 1886
332,685	Waterhouse, F. G	Magneto-electric	Dec. 15, 1885
334,317	Waterhouse, F. G	Lights, arc	Jan. 12, 1886
336,608	Watson, J. E	Regulators	Feb. 23, 1886
329,245	Weaver, E. E	Circuit-closers	Oct. 27, 1885
336,773	Weil, L	Alarms	Feb. 23, 1886
328,829	Wenigmann, P	Medical and surgical, body-wear	Oct. 20, 1885
335,863	Weis, J	Motors	Feb. 9, 1886
332,467	West, C. N	Medical and surgical, body-wear	Dec. 15, 1885
329,982	West, W. A	Telephones, magnetic	Nov. 10, 1885
329,983	West, W. A	Telephones, electric	Nov. 10, 1885
329,984	West, W. A	do	Nov. 10, 1885
342,552	Westinghouse, G., jr	Systems of distribution	May 25, 1886
342,553	Westinghouse, G., jr	Induction-coils	May 25, 1886
327,908	Weston, E.	Galvanometers	Oct. 6, 1885
330,449	Weston, E.	Rheostats	Nov. 17, 1885
330,450	Weston, E.	Lights, arc	Nov. 17, 1885
330,451	Weston, E.	Meters	Nov. 17, 1885
334,142	Weston, E.	Lights, filaments and carbons	Jan. 12, 1886
334,143	Weston, E.	Cut-outs, mechanical	Jan. 12, 1886
334,144	Weston, E.	Lights, arc	Jan. 12, 1886
334,145	Weston, E.	Galvanometers	Jan. 12, 1886
334,146	Weston, E.	Lights, filaments and carbons	Jan. 12, 1886
334,147	Weston, E.	Lights, incandescent	Jan. 12, 1886
340,395	Weston, E.	Magneto-electric	Apr. 20, 1886
340,396	Weston, E.	Lights, incandescent	Apr. 20, 1886
340,397	Weston, E.	Lights, filaments and carbons	Apr. 20, 1886
340,398	Weston, E.	Rheostats	Apr. 20, 1886
340,399	Weston, E.	Galvanometers	Apr. 20, 1886
340,400	Weston, E.	Lights, sockets and keys	Apr. 20, 1886
340,401	Weston, E.	Cut-outs, mechanical	Apr. 20, 1886
340,402	Weston, E.	Lights, filaments and carbons	Apr. 20, 1886
340,403	Weston, E.	Galvanometers	Apr. 20, 1886
340,404	Weston, E.	Lights, systems and appliances	Apr. 20, 1886
326,363	Weston, W. S	do	Sept. 15, 1885
326,364	Weston, W. S	do	Sept. 15, 1885
322,335	Wetmore, J. A	Applications, tools and machines	July 14, 1885
339,955	Wharton, W., jr. and Samuel, E	Locomotion	Apr. 13, 1886
324,621	Wheeler, S. S	Applications, general	Aug. 18, 1885
335,048	Wheeler, S. S	Regulators	Jan. 26, 1886
335,099	Wheeler, S. S	do	Jan. 26, 1886
324,058	White, L. S	Igniting devices	Aug. 11, 1885
331,221	White, L. S	do	Nov. 24, 1885
336,190	Whited, C. W	Railway signals	Feb. 16, 1886
338,323	Whited, C. W	do	Mar. 23, 1886
326,610	Whitlock, C. and Knapp, A. C.	Telephones, switches	Sept. 22, 1885
322,230	Whitney, E. R	Magneto-electric	July 14, 1885
330,949	Wightman, M. J	Cut-outs, mechanical	Nov. 24, 1885
336,191	Wightman, M. J	Lights, sockets and keys	Feb. 16, 1886
329,112	Willans, P. W	Valve-controllers	Oct. 27, 1885

No.	NAME.	CLASS.	DATE.
343,095	Williams, C. W	Telegraphy, railway-car	June 1, 1886
328,166	Williams, G. M	Alarms	Oct. 13, 1885
322,233	Williams, H. N	Igniting devices, portable	July 14, 1885
335,495	Williams, J. B	Conductors	Feb. 2, 1886
322,030	Williams, J. R	Applications, general	July 14, 1885
342,666	Williams, J. T	Locomotion	May 25, 1886
330,277	Williams, T. D	Conductors, underground	Nov. 10, 1885
333,044	Williamson, M. B	Telephones, mechanical	Dec. 22, 1885
342,157	Willis, V	Keys	May 18, 1886
332,173	Willson, T. L	Lights, arc	Dec. 8, 1885
343,939	Wilson, D. H	Applications, general	June 15, 1886
336,276	Wilson, J	Insulators	Feb. 16, 1886
331,356	Wilson, J. C	Telegraphy, fire	Dec. 1, 1885
336,972	Wilson, J. C	Telephones, calls	Mar. 2, 1886
339,960	Wilson, J. C	Telegraphy, fire	Apr. 13, 1886
341,114	Wilson, J. C	do	May 4, 1886
341,115	Wilson, J. C	do	May 4, 1886
344,430	Wilson, J. C	Keys	June 29, 1886
344,467	Wilson, J. C	Telegraphy, fire	June 29, 1886
331,104	Winslow, W. H	Electrolysis	Nov. 24, 1885
331,105	Winslow, W. H	do	Nov. 24, 1885
338,328	Winterhalder, L	Morse registers	Mar. 23, 1886
327,911	Wirsching, A	Telegraphy, printing	Oct. 6, 1885
336,030	Wiswell, J. C	Electrolysis	Feb. 9, 1886
329,871	Wood, F. B	Telegraphy, fire	Nov. 3, 1885
338,329	Wood, F. B	Morse registers	Mar. 23, 1886
330,763	Wood, J. B	Telephones, systems	Nov. 17, 1885
325,639	Wood, J. J	Alarms	Sept. 1, 1885
326,894	Wood, J. J	Regulators	Sept. 22, 1885
337,289	Wood, J. J	Lights, arc	Mar. 2, 1886
344,764	Woodward, A. T	Conductors, underground	June 29, 1886
338,683	Woodward, J. H	Batteries, galvanic	Mar. 23, 1886
325,641	Woolley, L. G	Motors	Sept. 1, 1885
340,182	Woolley, L. G	Lights, arc	Apr. 20, 1886
341,303	Woolley, L. G	Magneto-electric	May 4, 1886
341,620	Woolley, L. G	Lights, incandescent	May 11, 1886
341,981	Woolson, O. C	Magneto-electric	May 18, 1886
324,792	Worth, A. B	Lights, arc	Aug. 18, 1885
337,803	Worth, A. B	Applications, general	Mar. 9, 1886
337,804	Worth, A. B	do	Mar. 9, 1886
343,620	Wright, G. A	Medical and surgical, body-wear	June 15, 1886
343,354	Wyckoff, A	Conductors, underground	June 8, 1886
324,447	Wynne, F	Locomotion	Aug. 18, 1885
338,009	Yale, C. O., Holman, G. F. W. and Barnette, W. J.	Recorders	Mar. 16, 1886
332,130	Yeakle, J. B	Alarms, burglar	Dec. 8, 1885
322,515	Young, J	Lights, systems and appliances	July 21, 1885
341,536	Zalinski, E. L	Applications, tools and machines	May 11, 1886
341,537	Zalinski, E. L	do	May 11, 1886

REISSUES.

10,663	Drake, C. C	Electro-magnetic, reissue of 280,916	Nov. 24, 1885
10,720	Haenichen, F. and O	Clocks, reissue of 316,360	May 11, 1886
10,711	Hess, A. T	Annunciators, reissue of 288,570	Apr. 13, 1886
10,738	Romanze, O	Lights, arc, reissue of 330,351	June 22, 1886



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